

FIG. 1

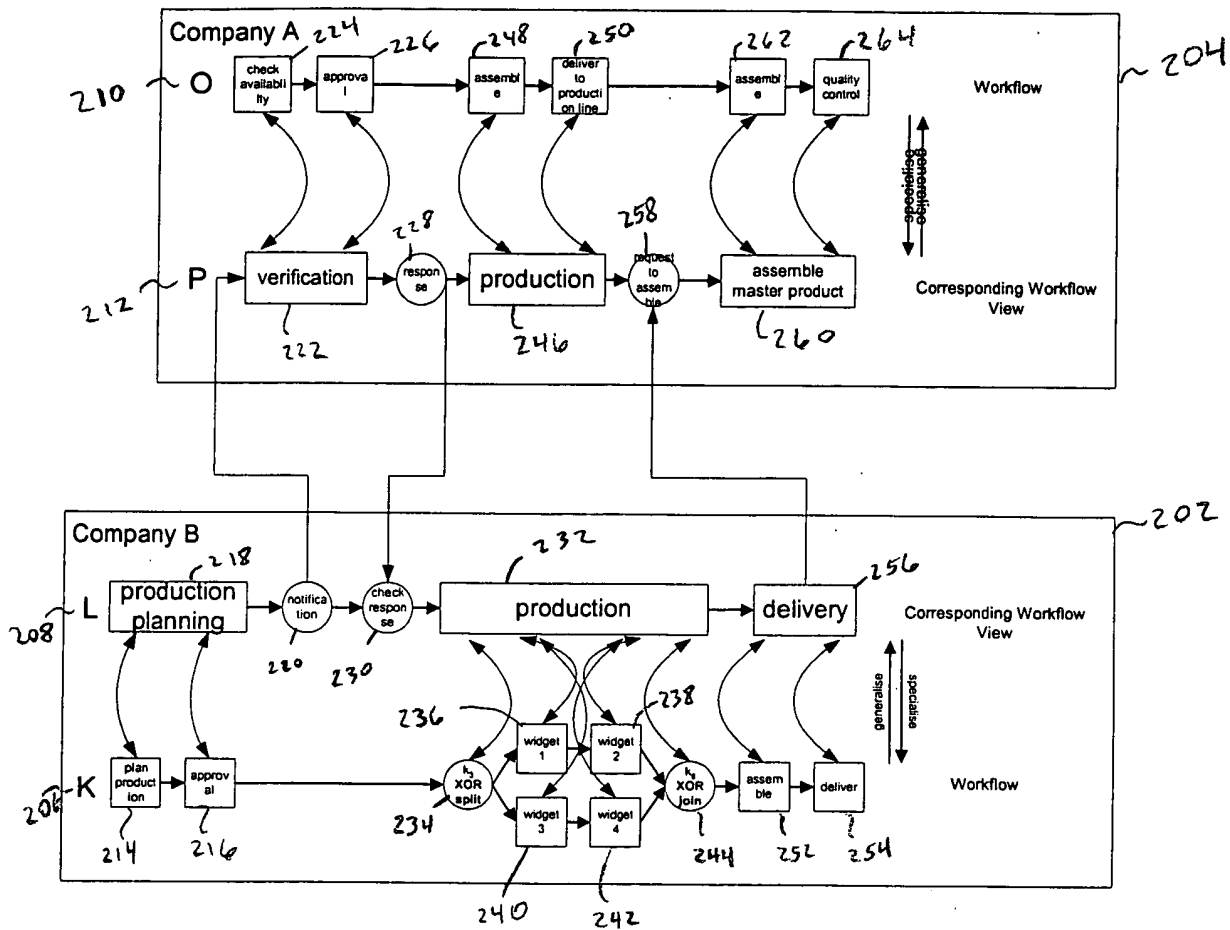
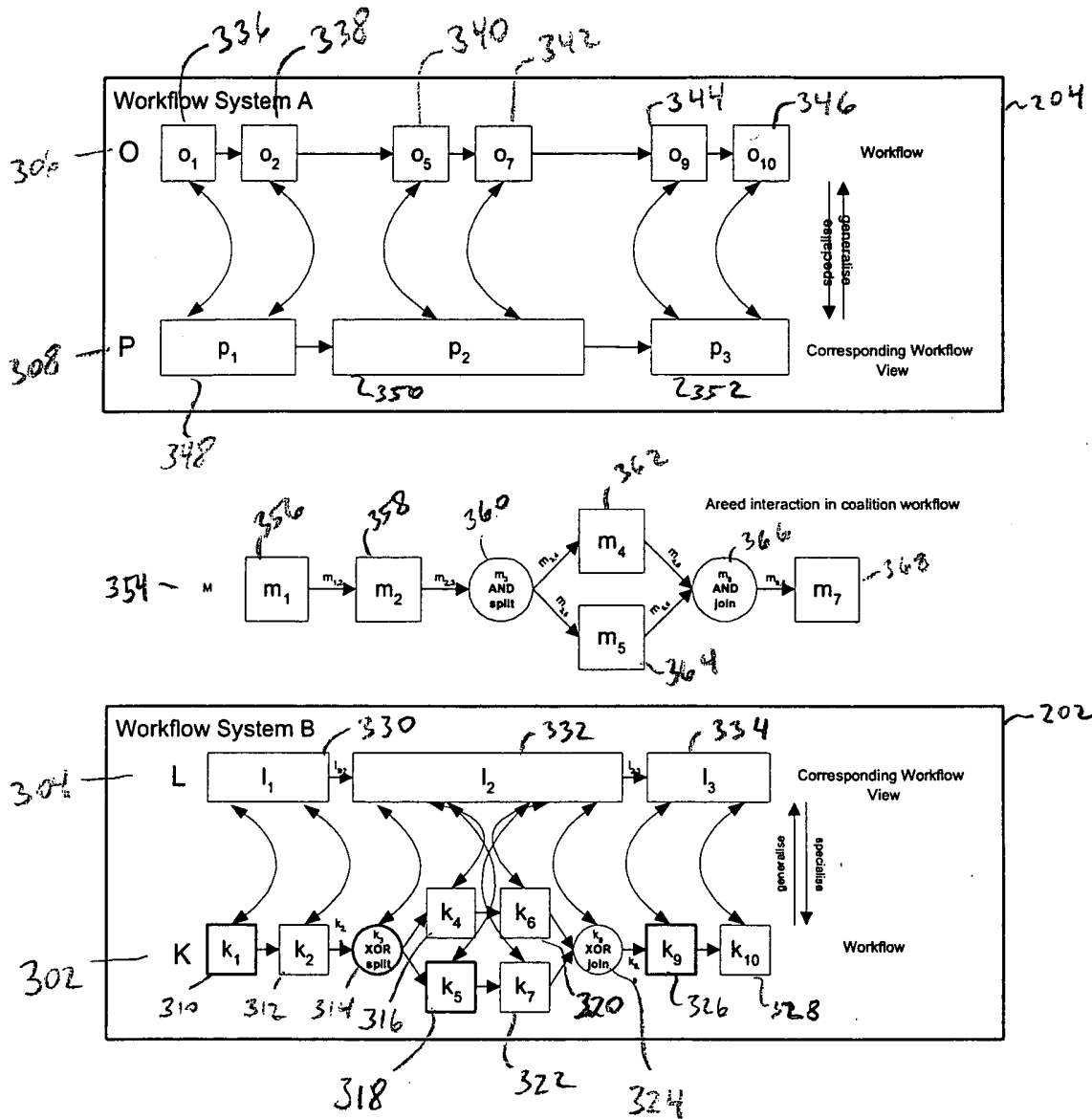
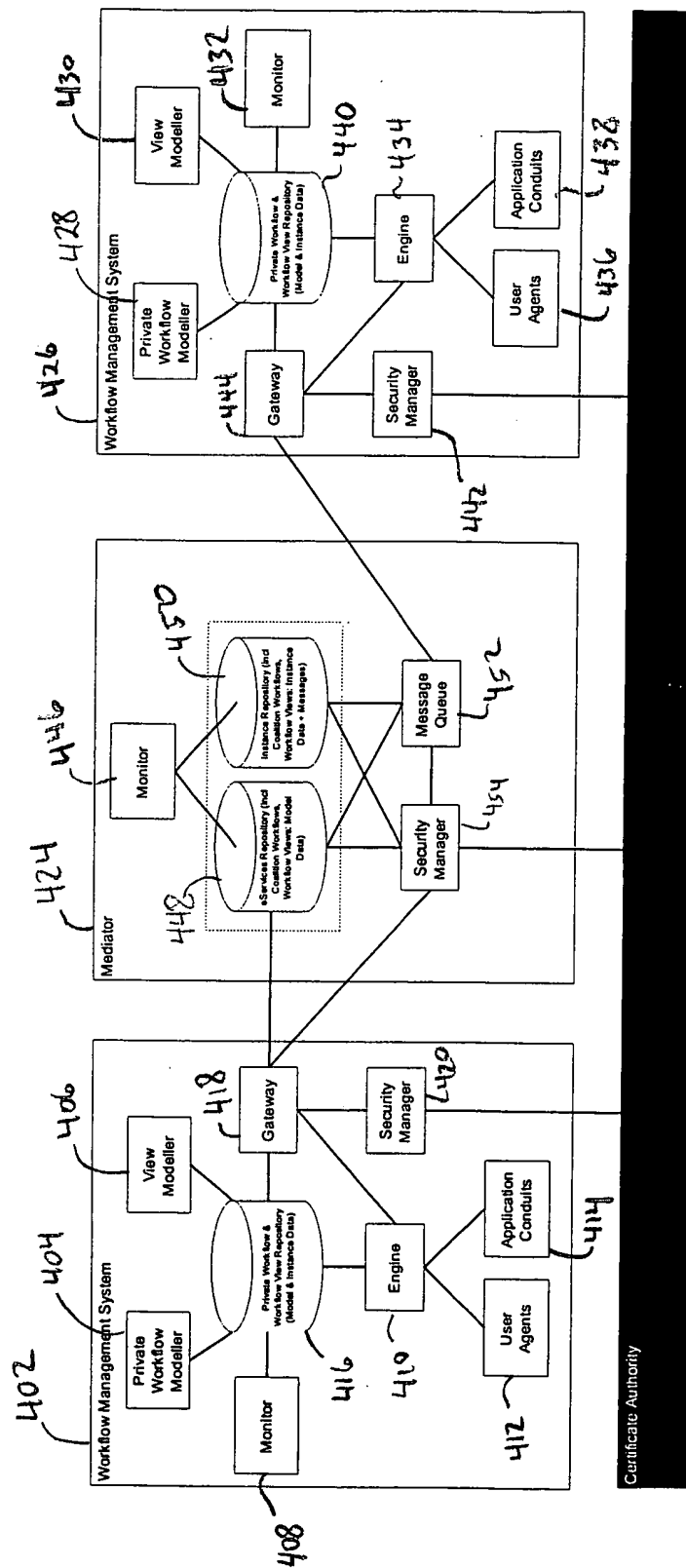


FIG. 2



Applicant(s): Karsten Schulz, et al.
TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS



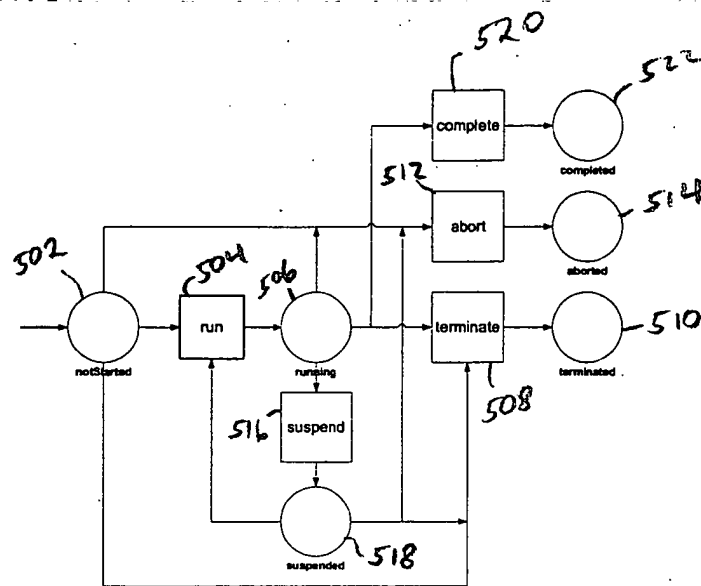


FIG. 5

Applicant(s): Karsten Schulz, et al.
 TRANSFORMATIONS BETWEEN COMBINED AND
 INDIVIDUAL WORKFLOWS

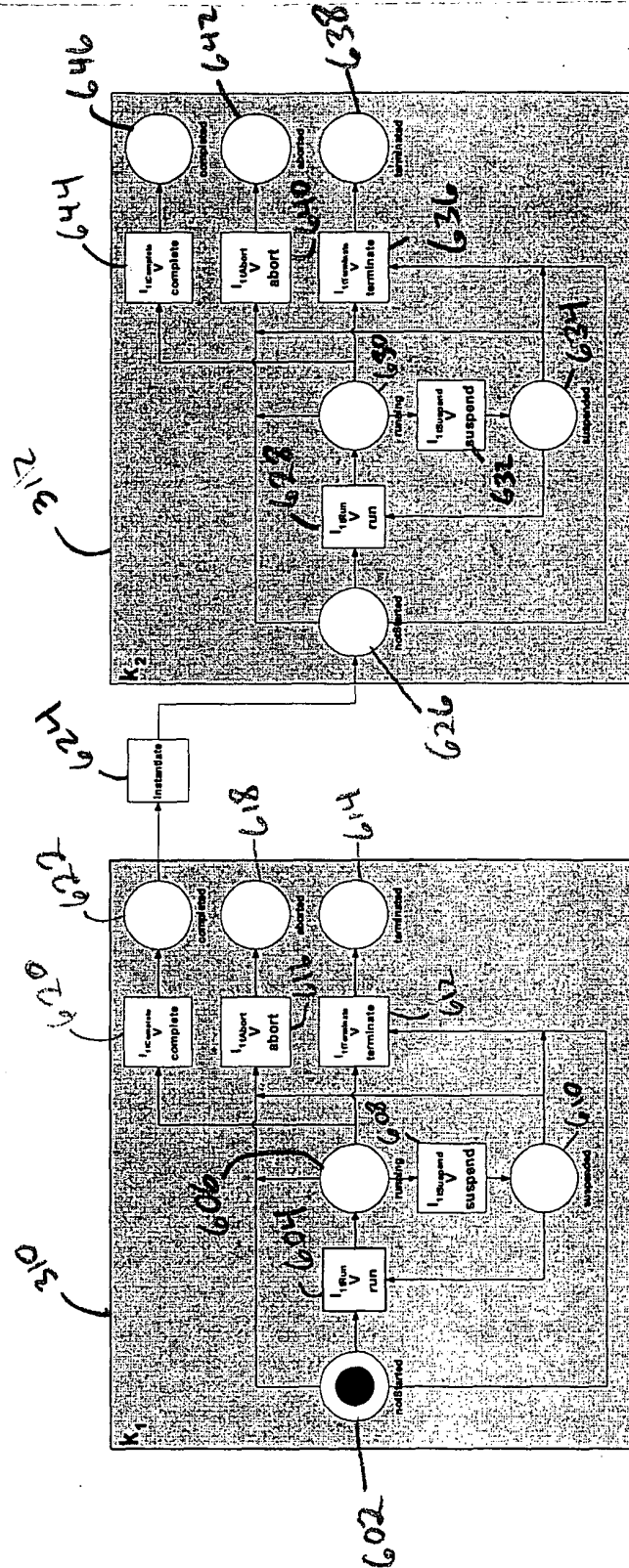
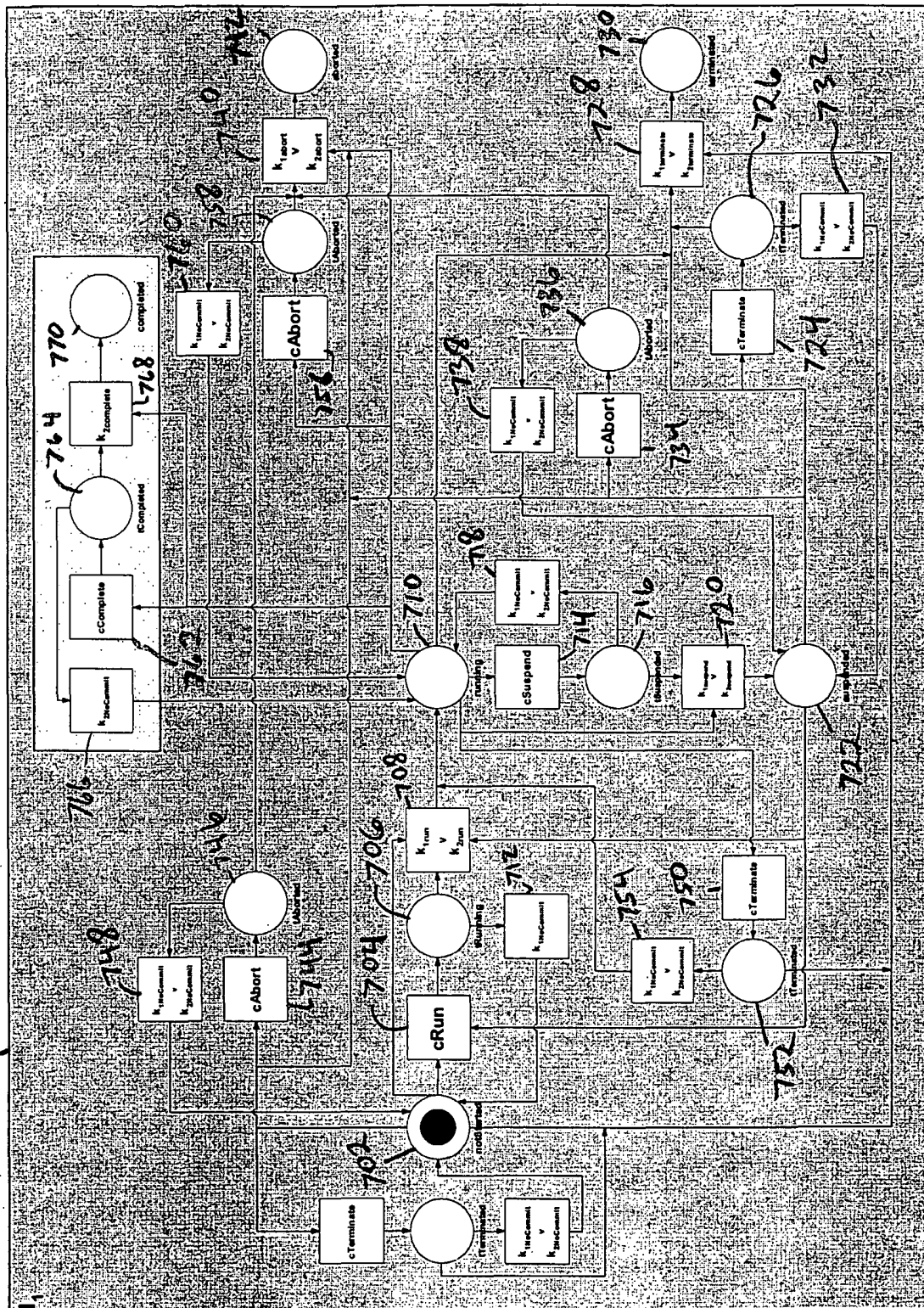


FIG. 6



7017

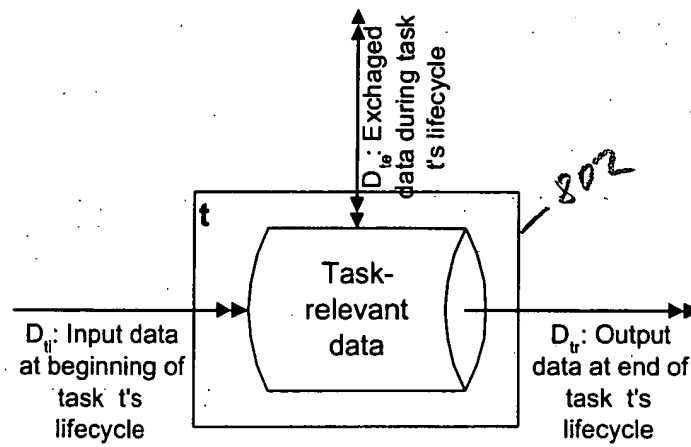


FIG. 8

Applicant(s): Karsten Schulz, et al.

TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS

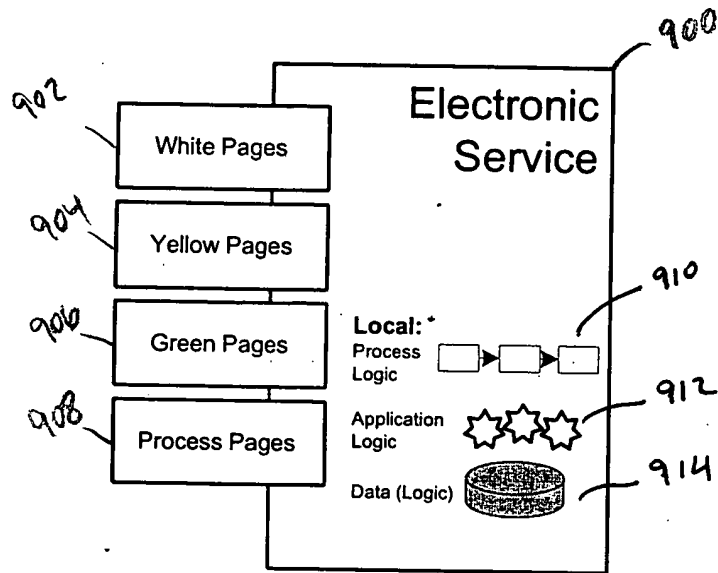


FIG. 9

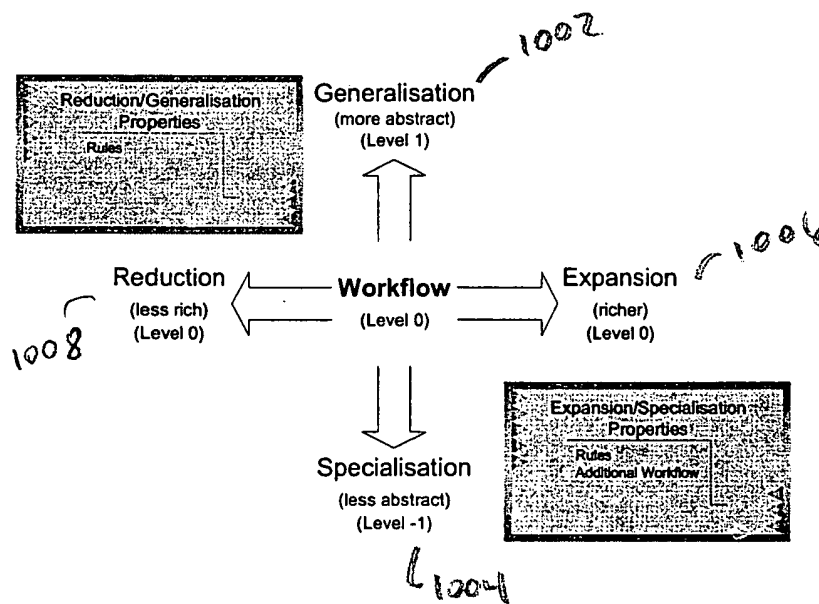


FIG. 10

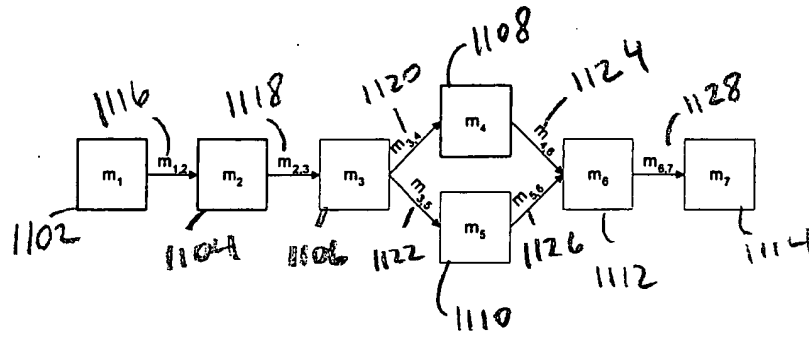


FIG. 11

Applicant(s): Karsten Schulz, et al.

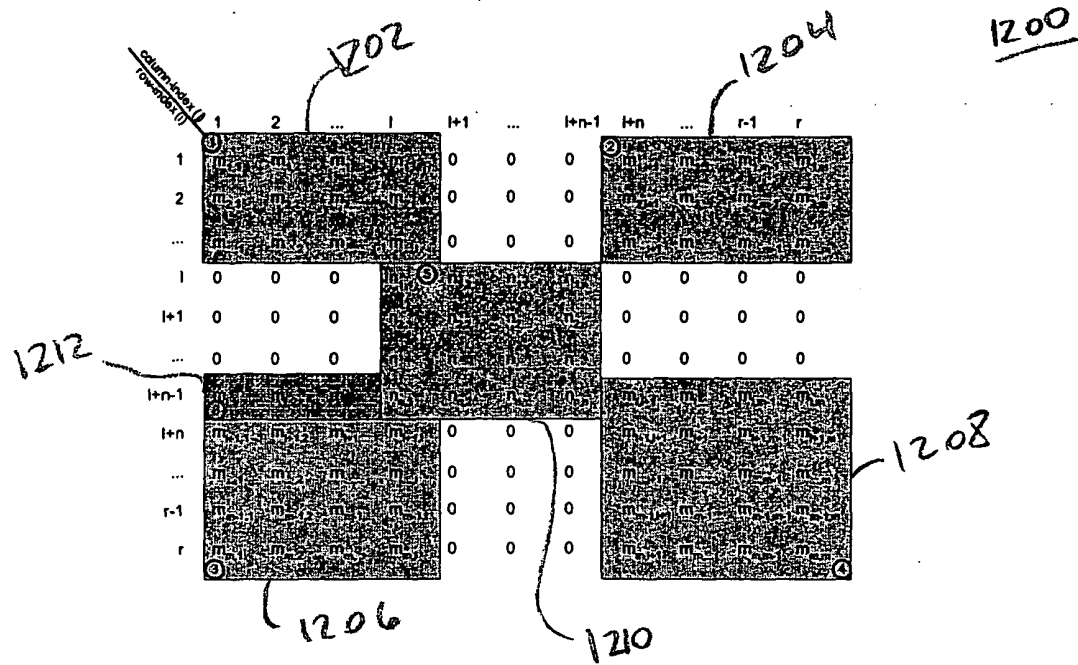
TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS

FIG. 12

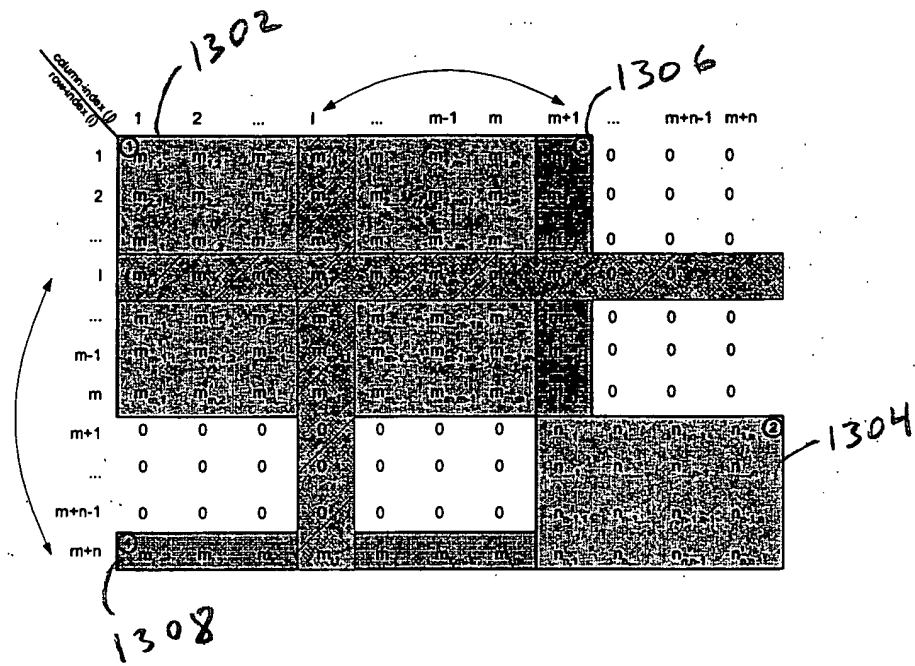


FIG. 13

Applicant(s): Karsten Schulz, et al.

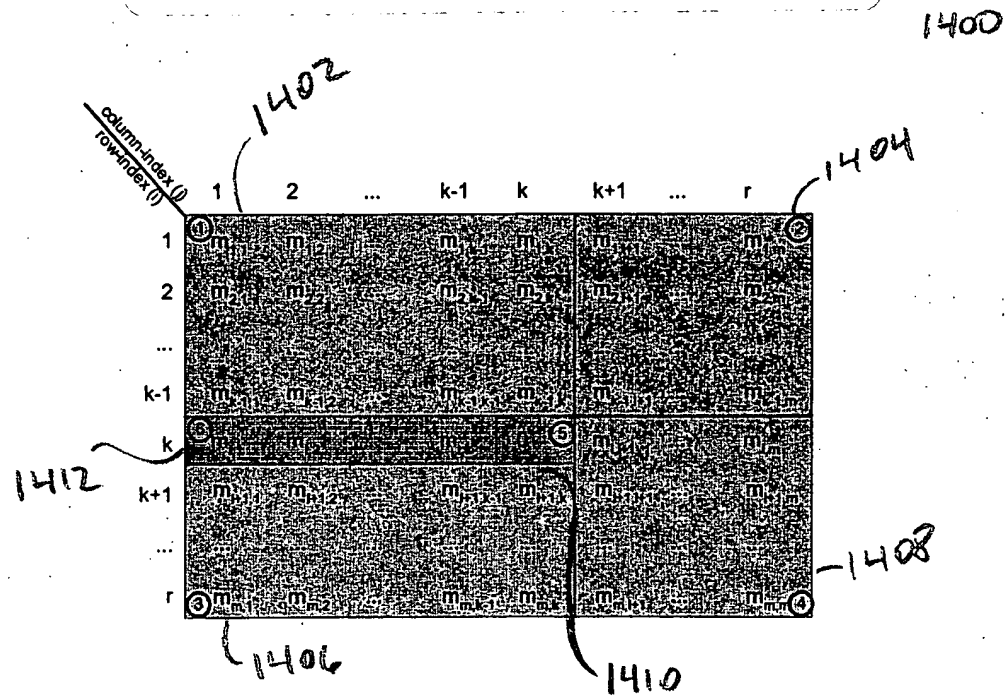
TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS

FIG. 14

Applicant(s): Karsten Schulz, et al.

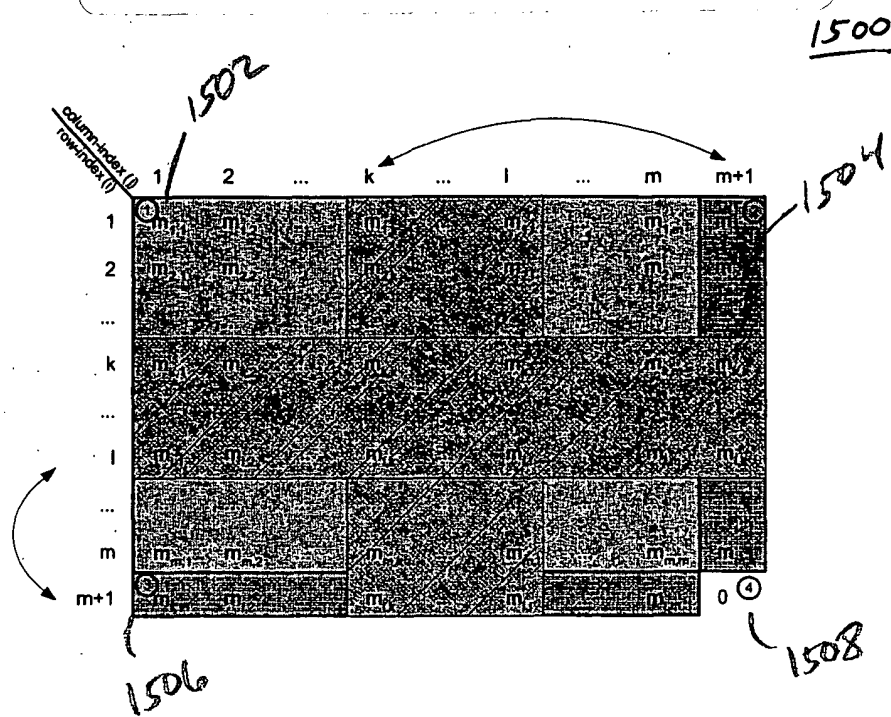
TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS

FIG. 15

Applicant(s): Karsten Schulz, et al.

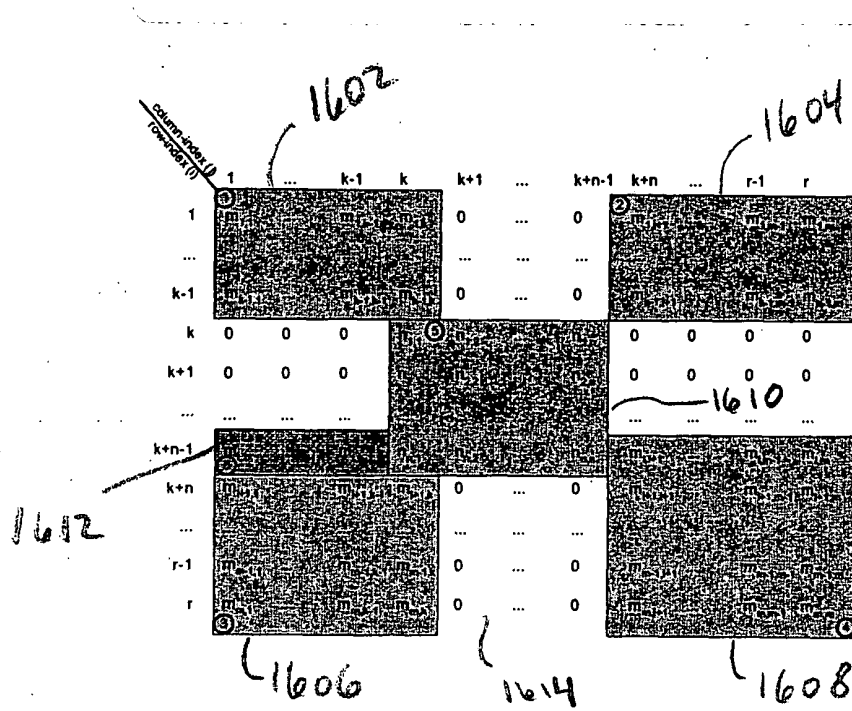
TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS

FIG. 16

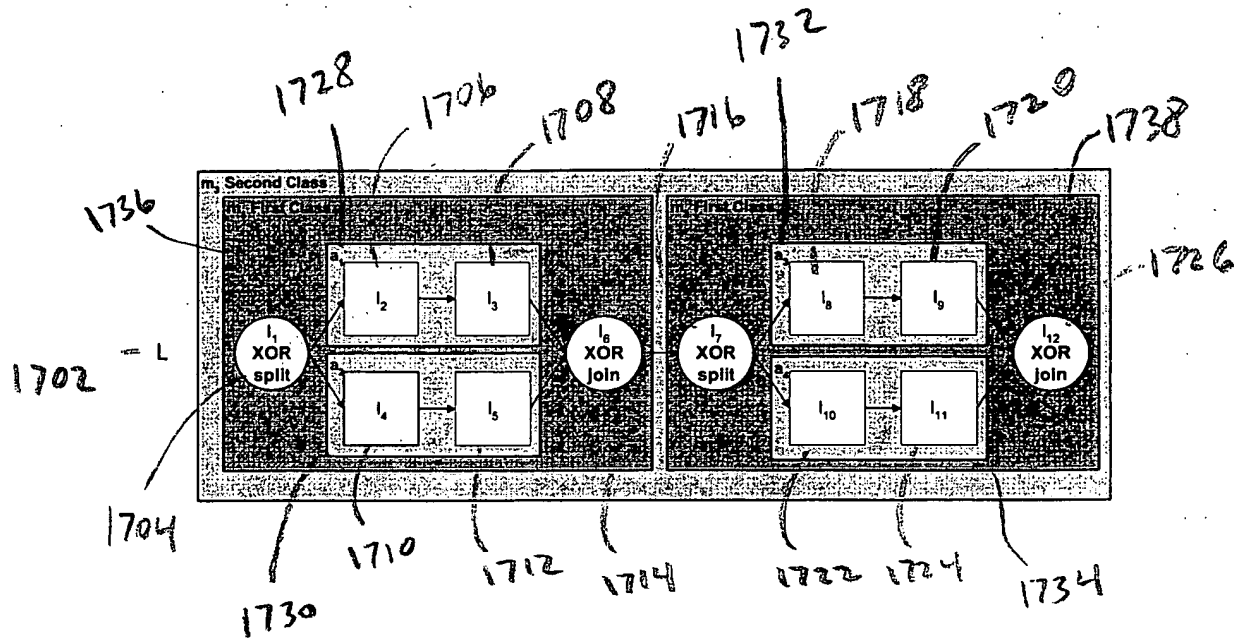


FIG. 17

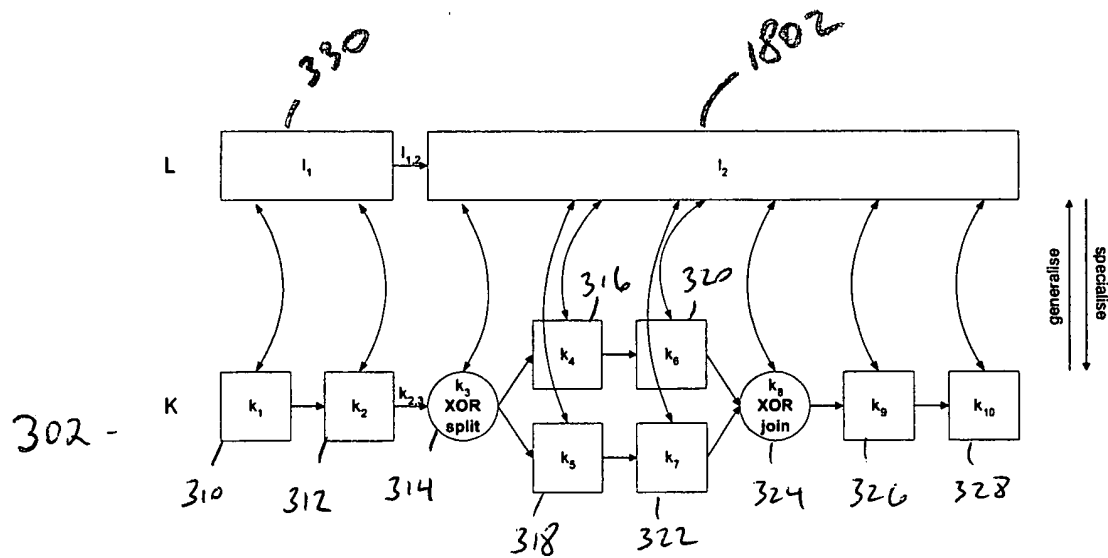


FIG. 18

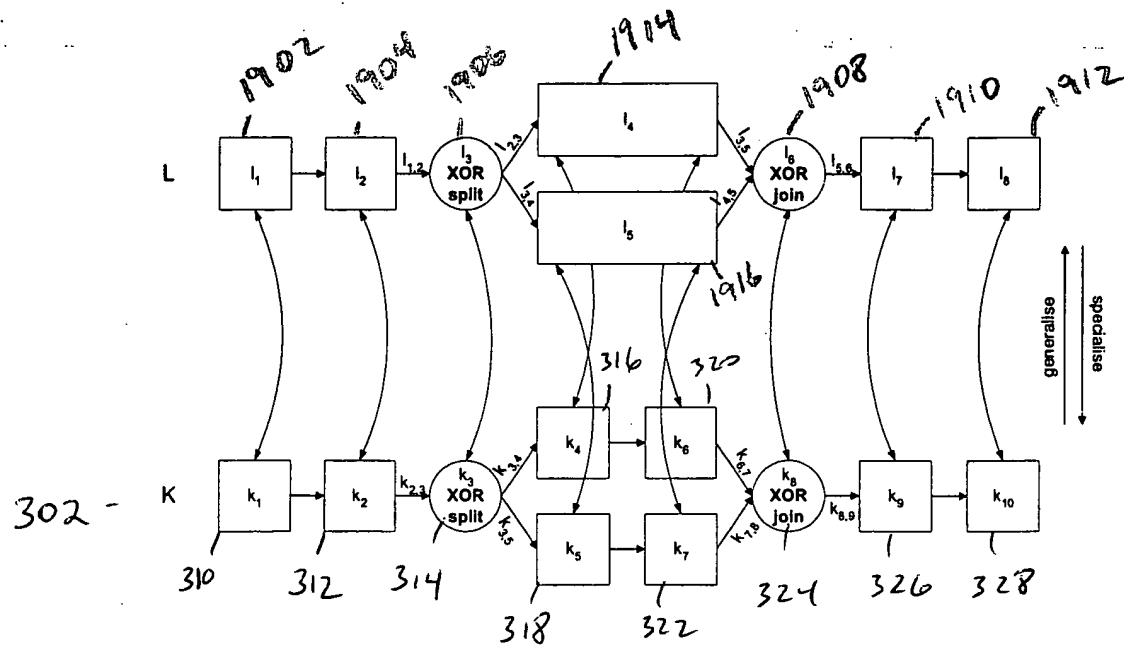


FIG. 19

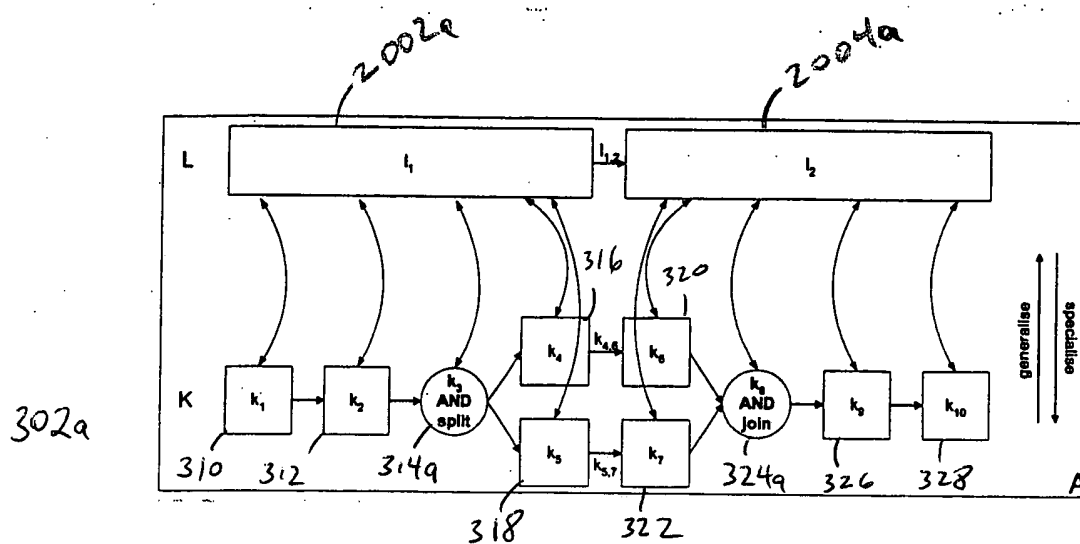


FIG. 20A

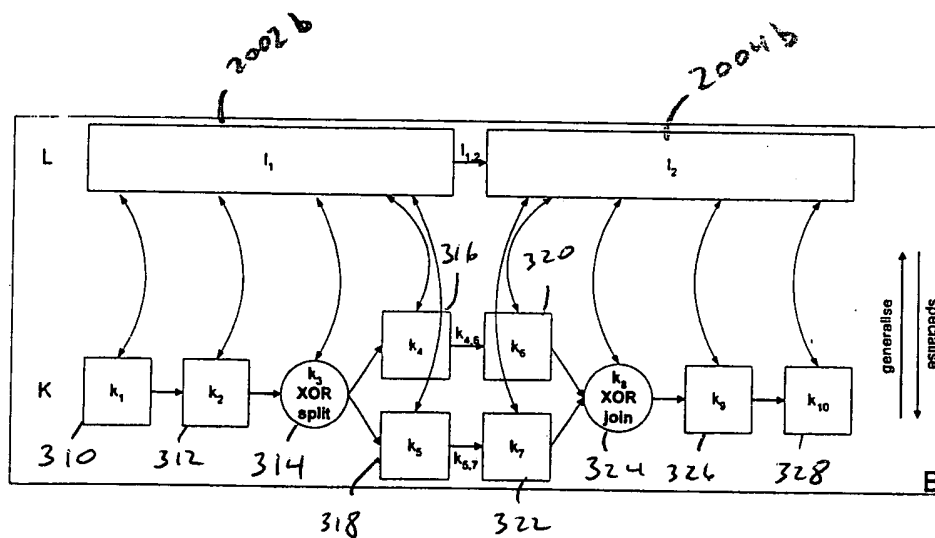
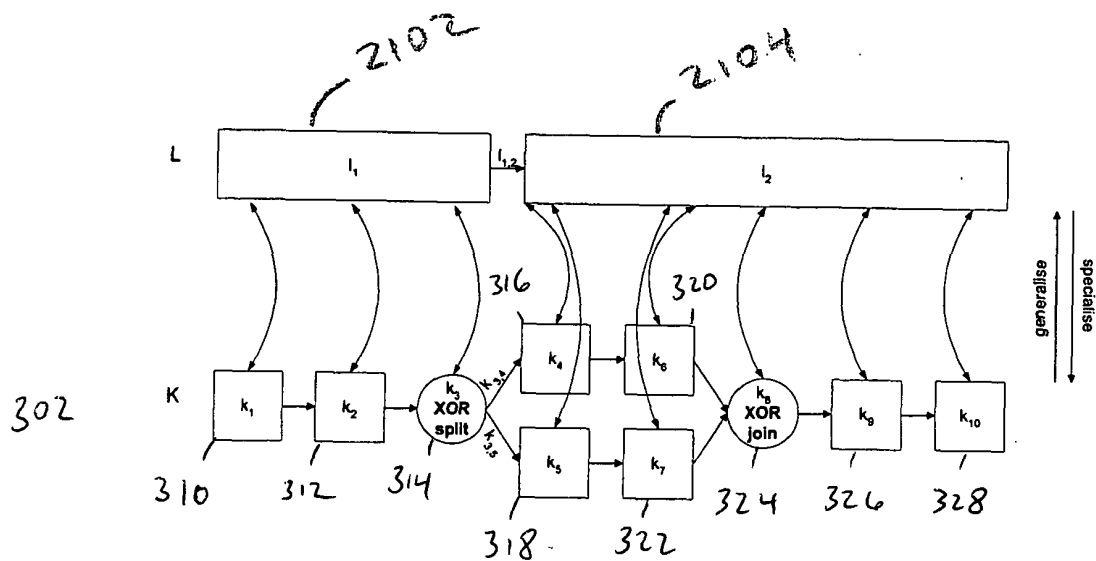


FIG. 20B



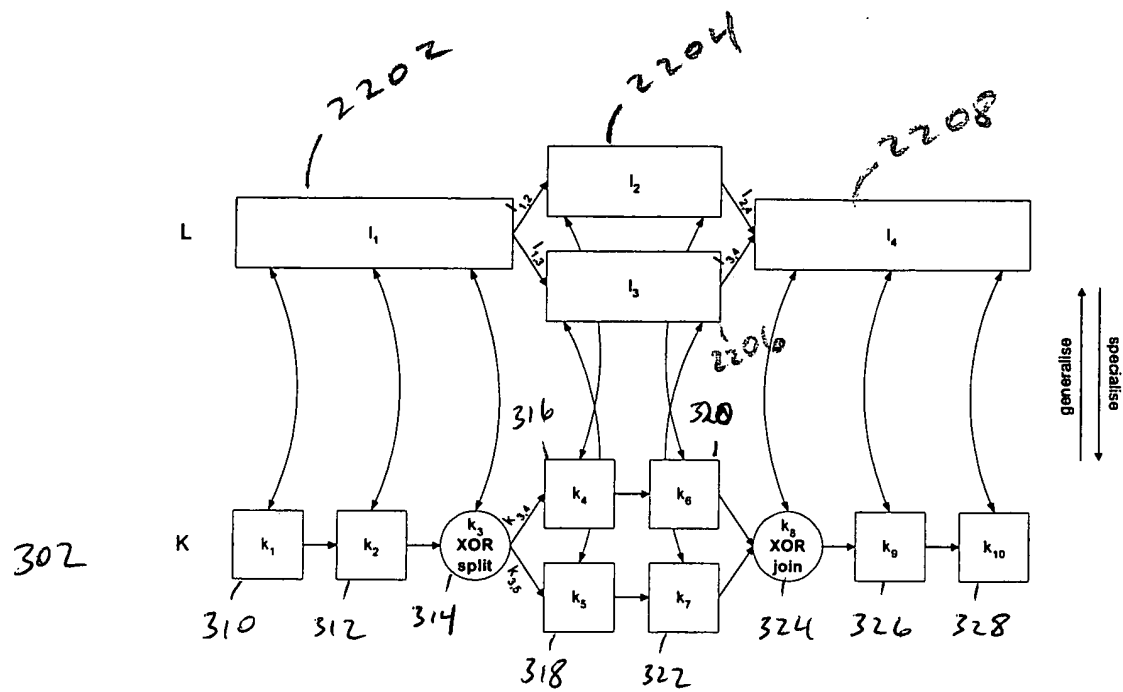


FIG. 22

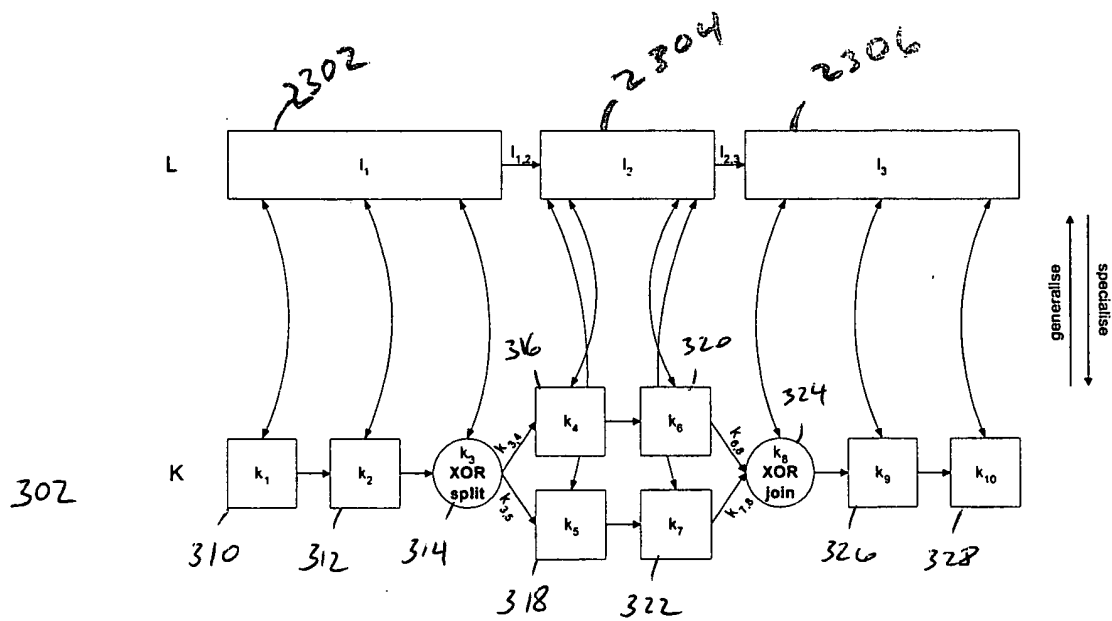


FIG. 23

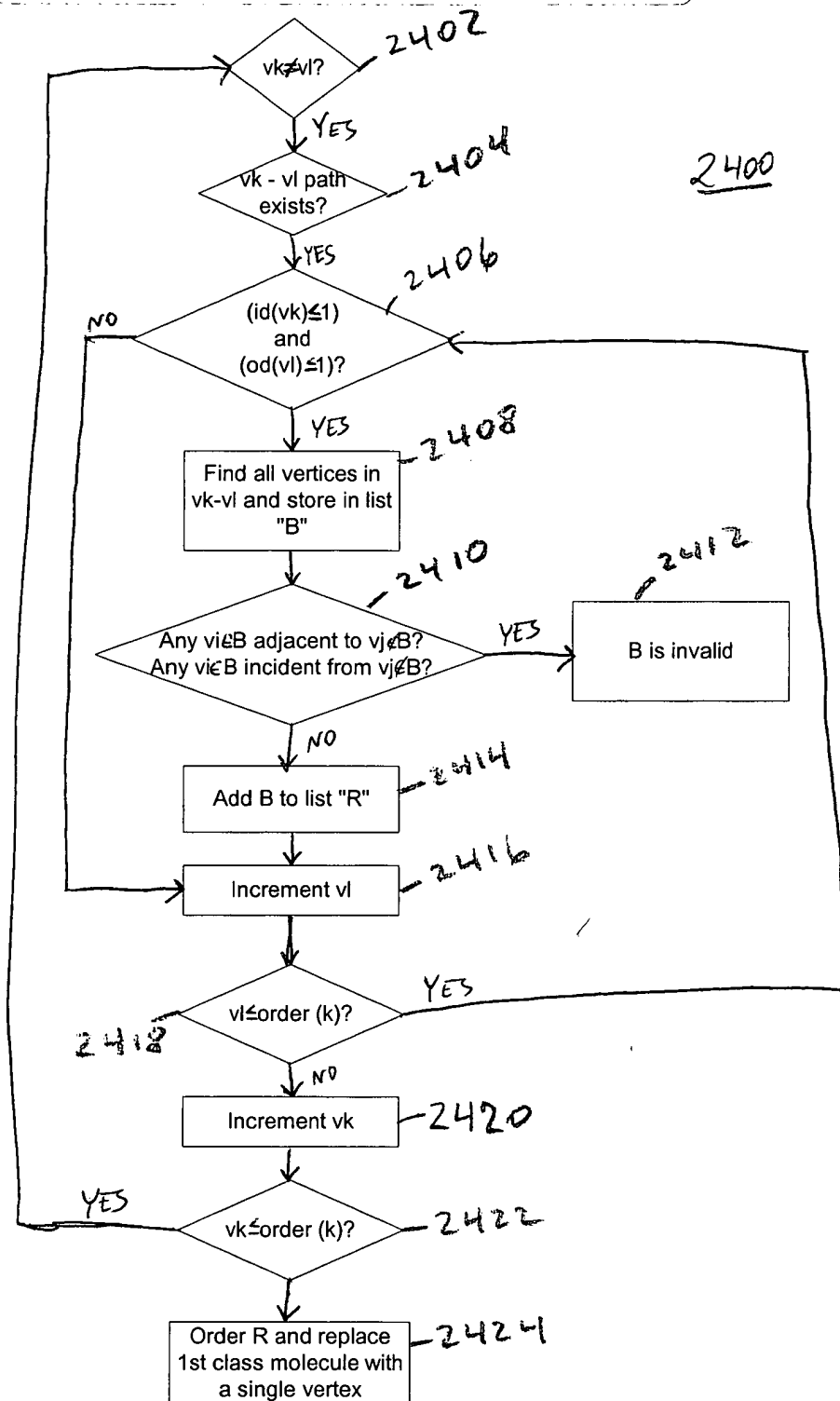


FIG. 24

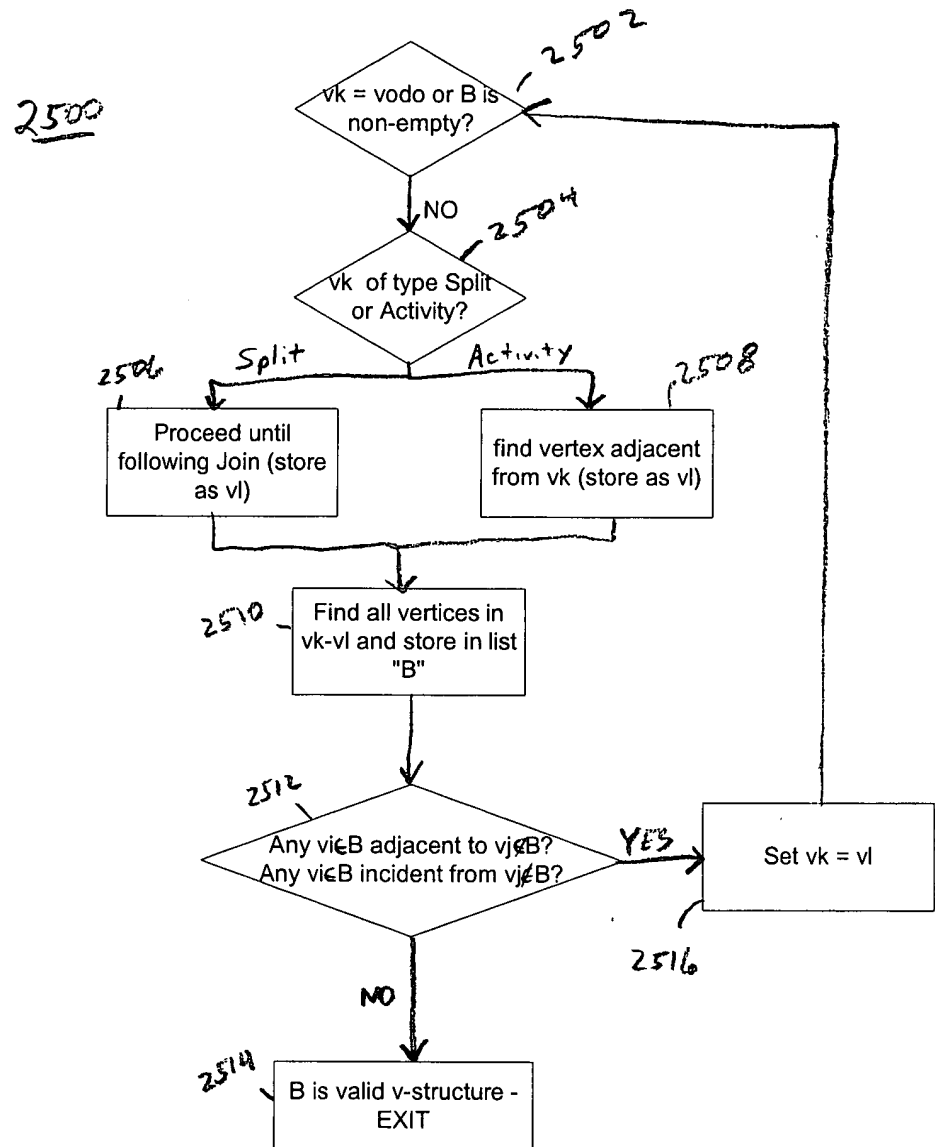


FIG. 25

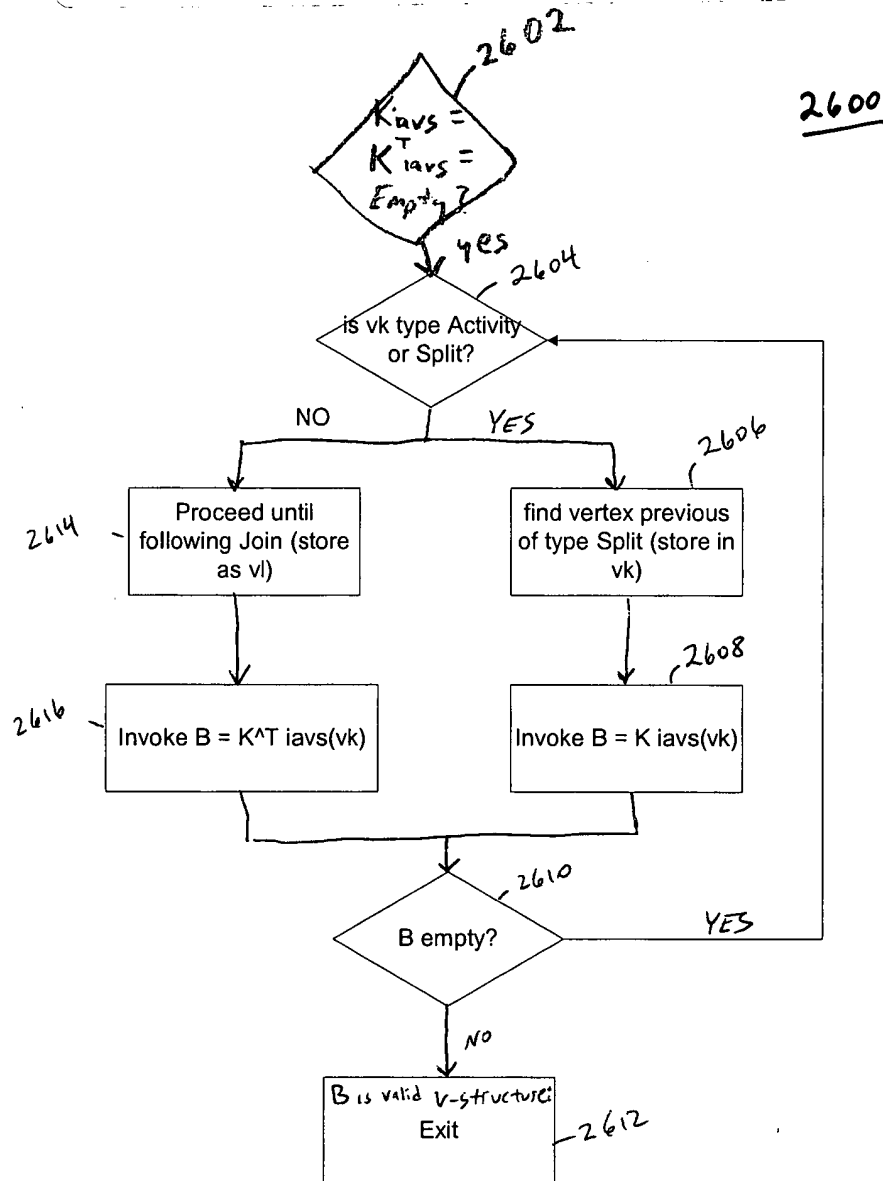


FIG. 26

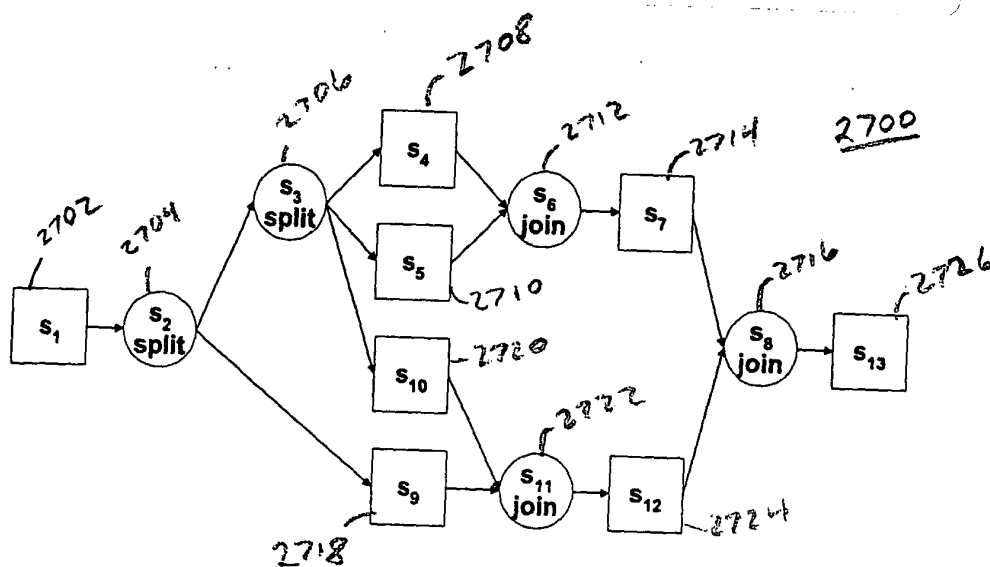


FIG. 27A

v_k	$S_{iavs_e}(v_k)$
s_1	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_2	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_3	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_4	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_5	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_6	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_7	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_8	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_9	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{10}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{11}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{12}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{13}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}, s_{13}\}$

FIG. 27B

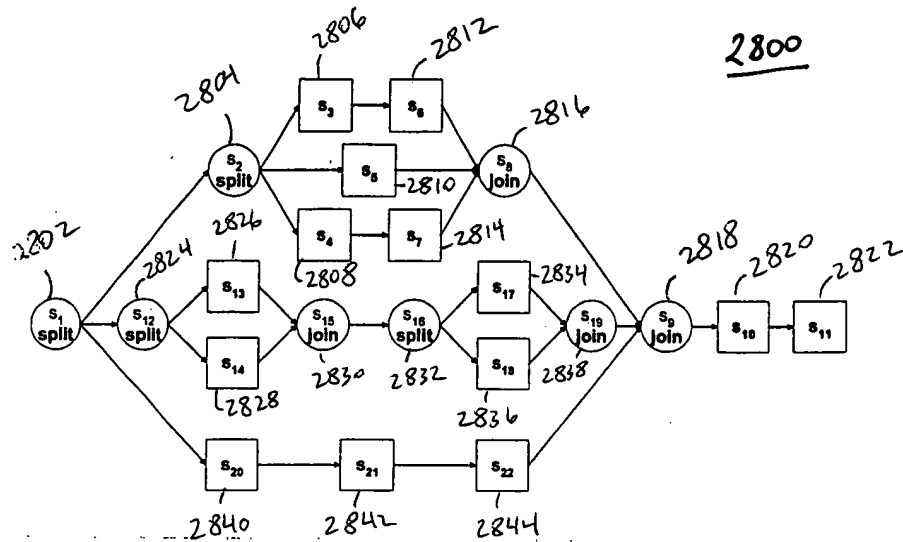


FIG. 28A

v_k	$S_{iavs_c}(v_k)$
s_1	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\}$
s_2	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
s_3	$\{s_3, s_6\}$
s_4	$\{s_4, s_7\}$
s_5	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
s_6	$\{s_3, s_6\}$
s_7	$\{s_4, s_7\}$
s_8	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
s_9	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\}$
s_{10}	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\},$ $\{s_{10}, s_{11}\}$
s_{11}	$\{s_{10}, s_{11}\}$
s_{12}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{13}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{14}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{15}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{16}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{17}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{18}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{19}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{20}	$\{s_{20}, s_{21}\}$
s_{21}	$\{s_{20}, s_{21}\}, \{s_{21}, s_{22}\}$
s_{22}	$\{s_{21}, s_{22}\}$

FIG. 28B

2900

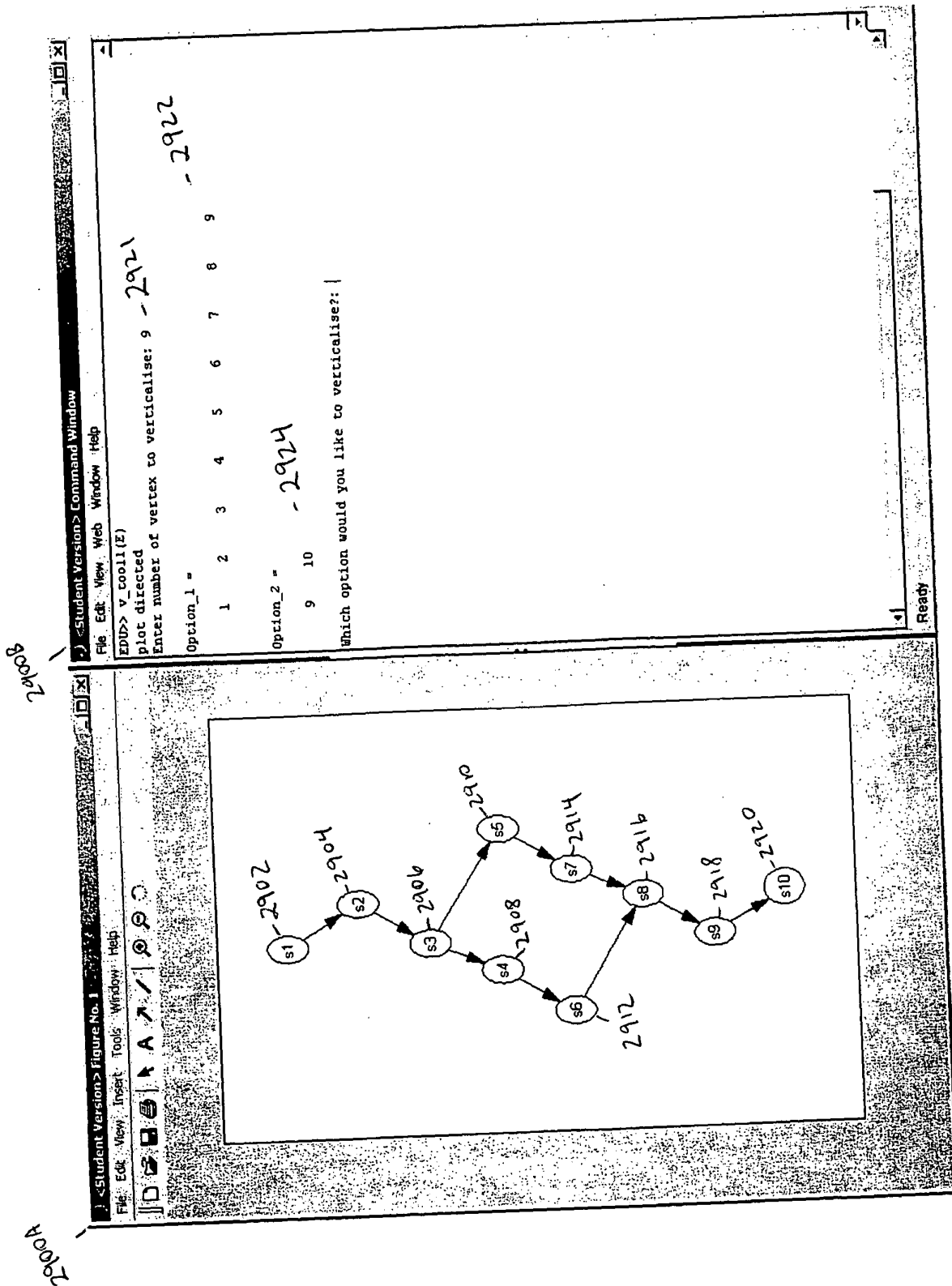


FIG. 29

3000

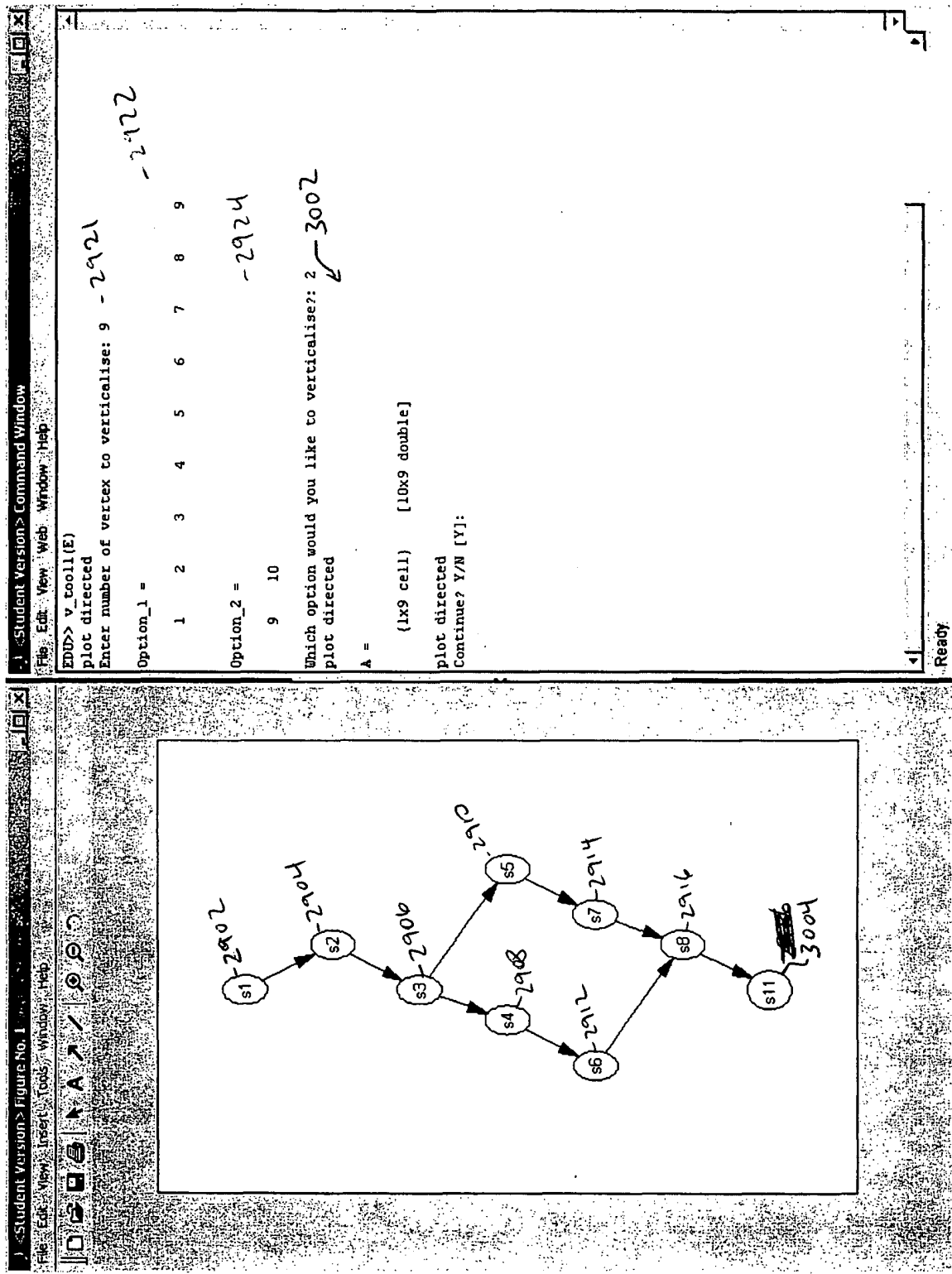


FIG. 30

3109

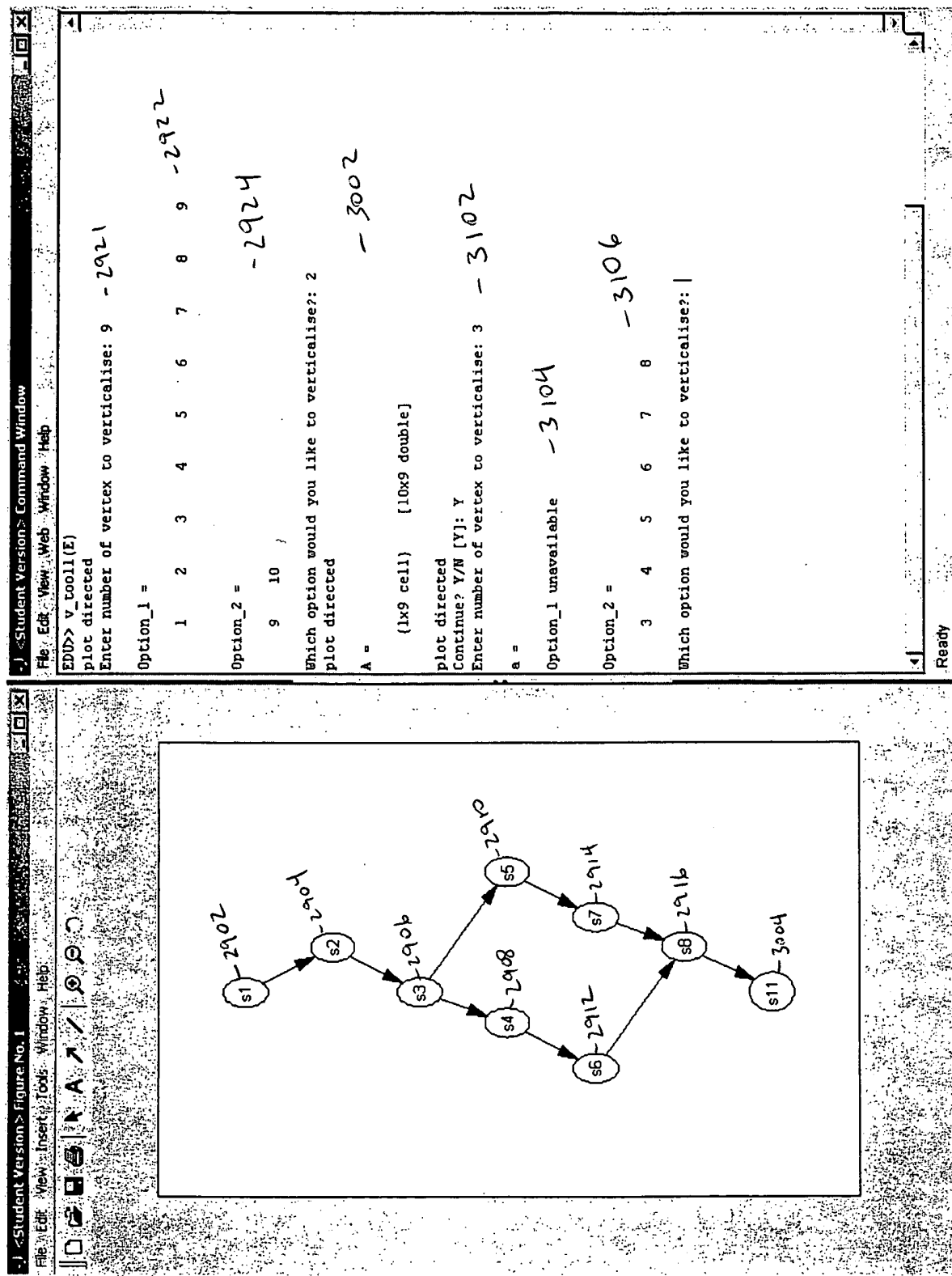


FIG. 31

3200

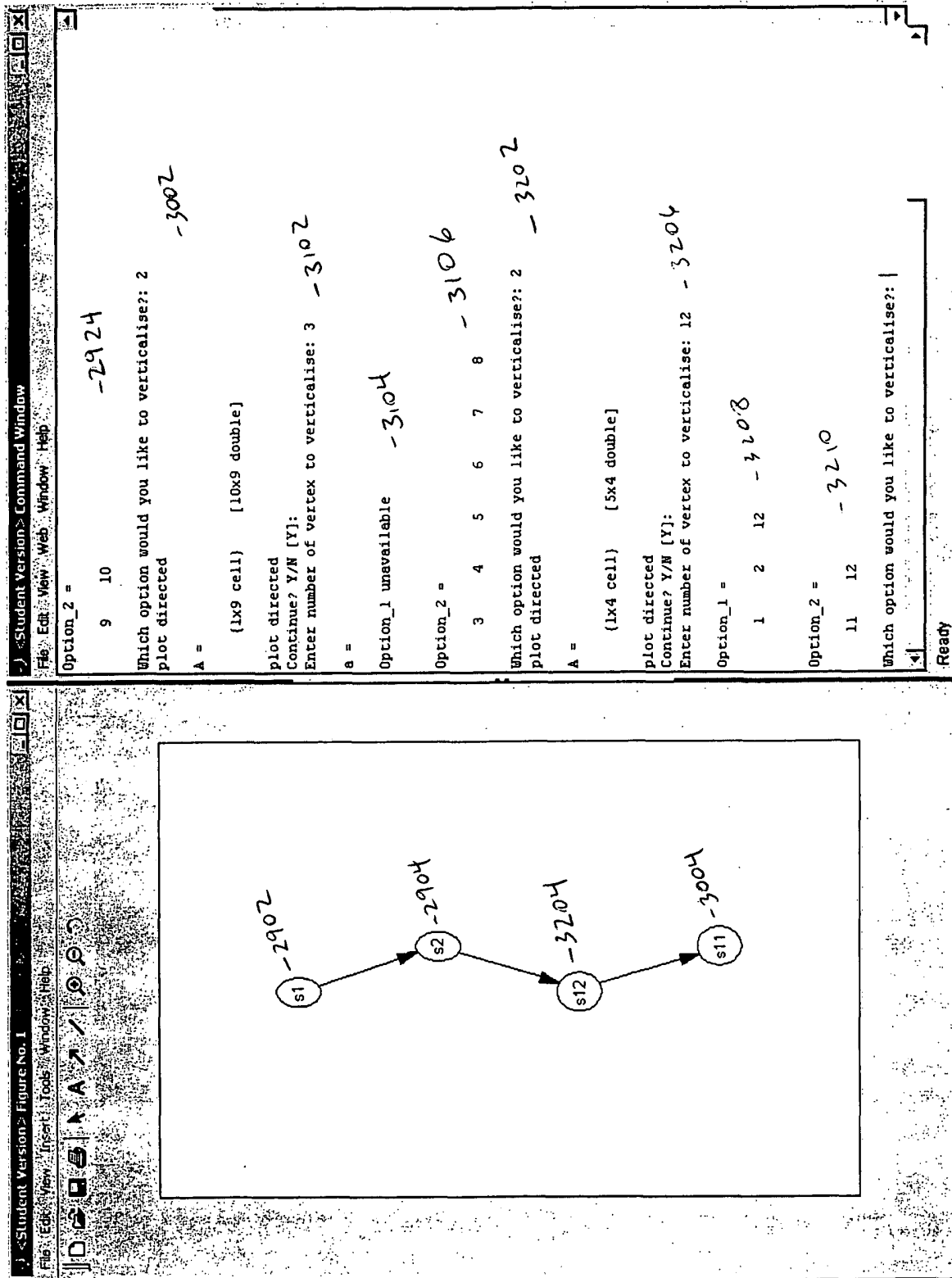


FIG 32

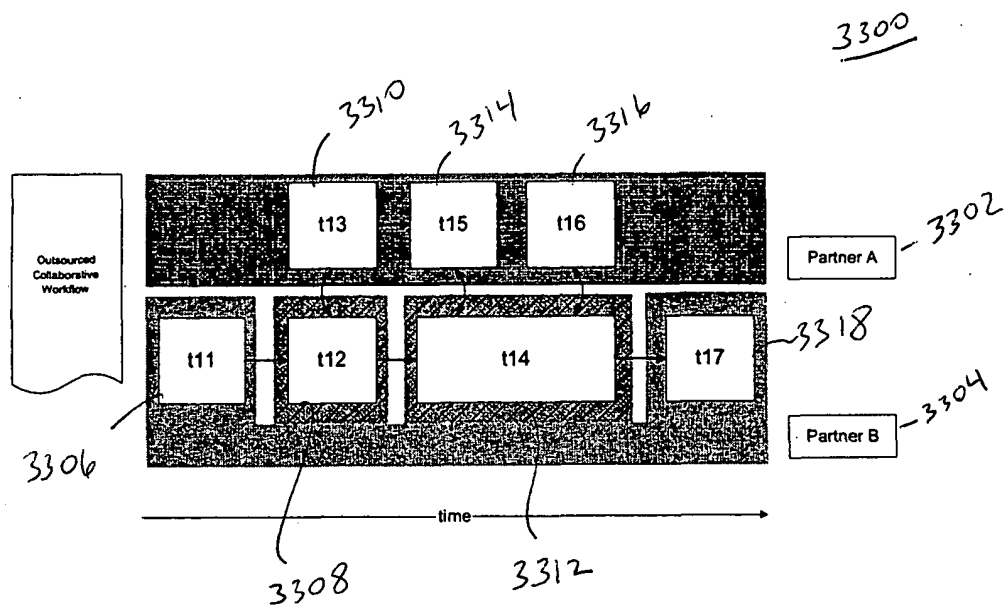


FIG. 33

Applicant(s): Karsten Schulz, et al.

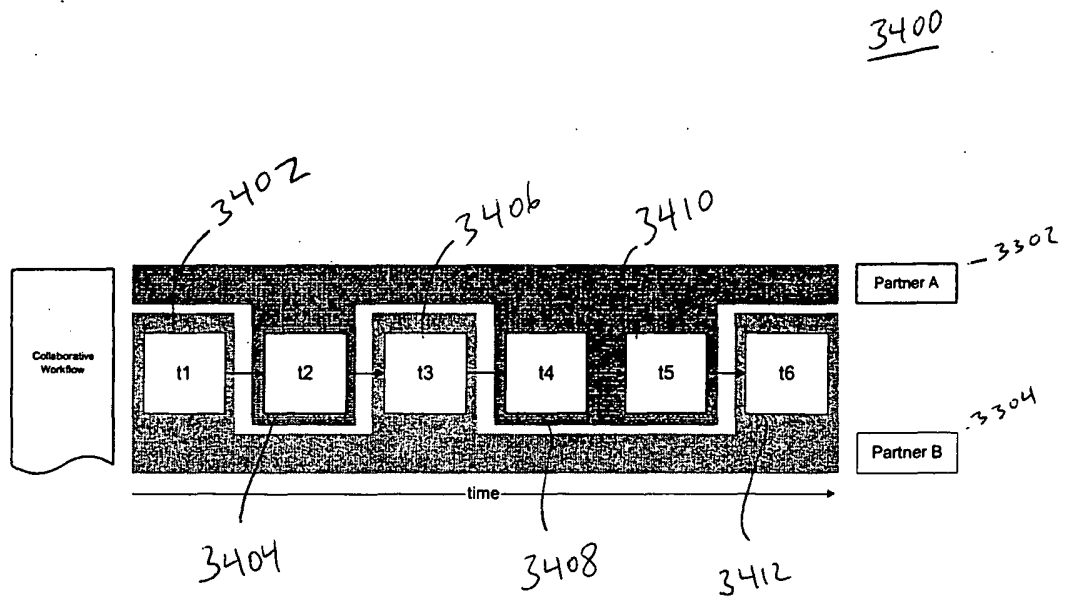
TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS

FIG. 34

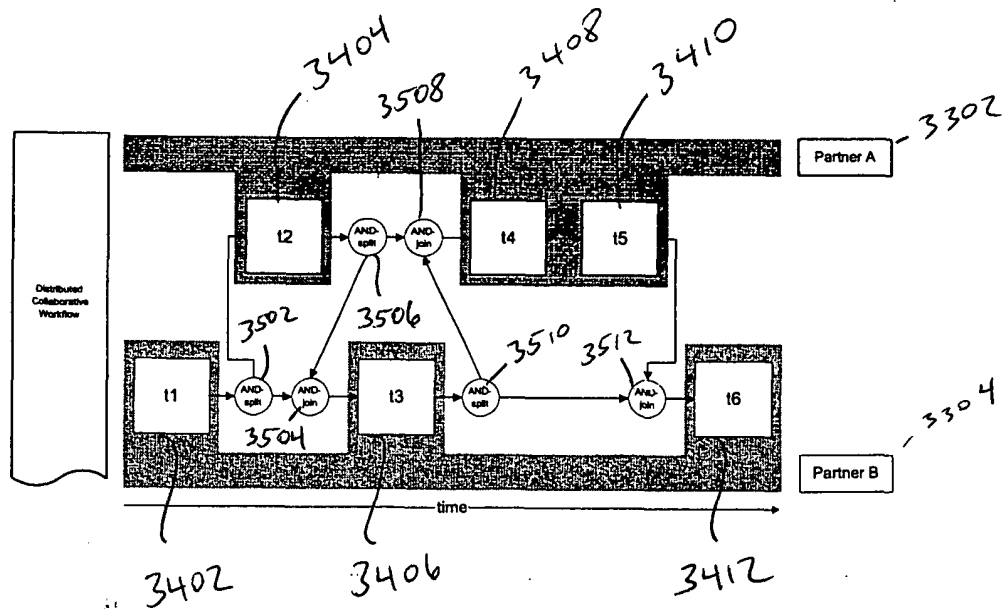


FIG. 35

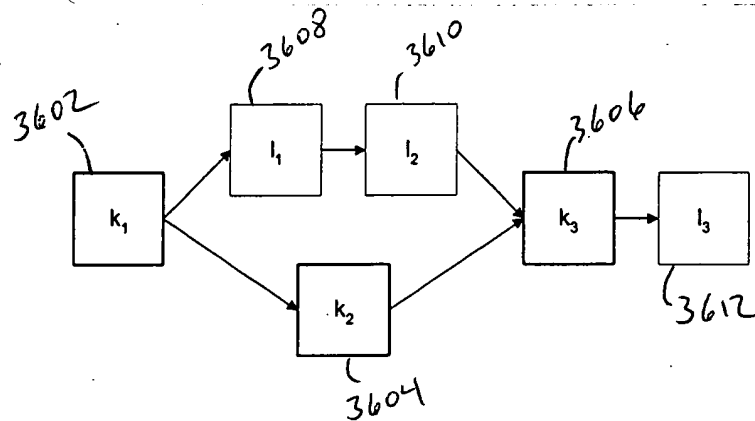


FIG. 36

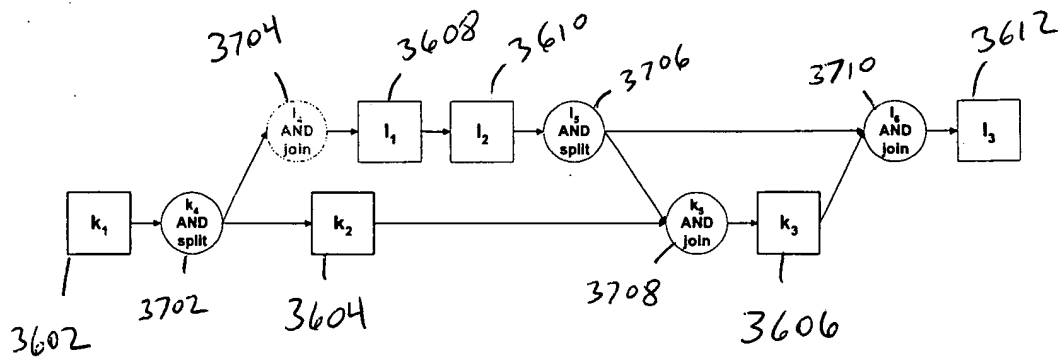


FIG. 37

Applicant(s): Karsten Schulz, et al.

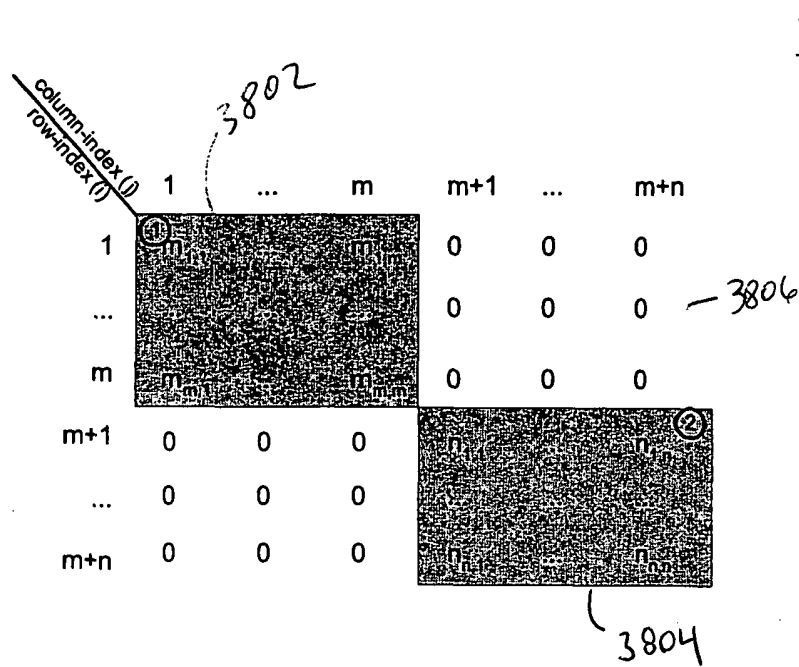
TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS

FIG. 38

Applicant(s): Karsten Schulz, et al.

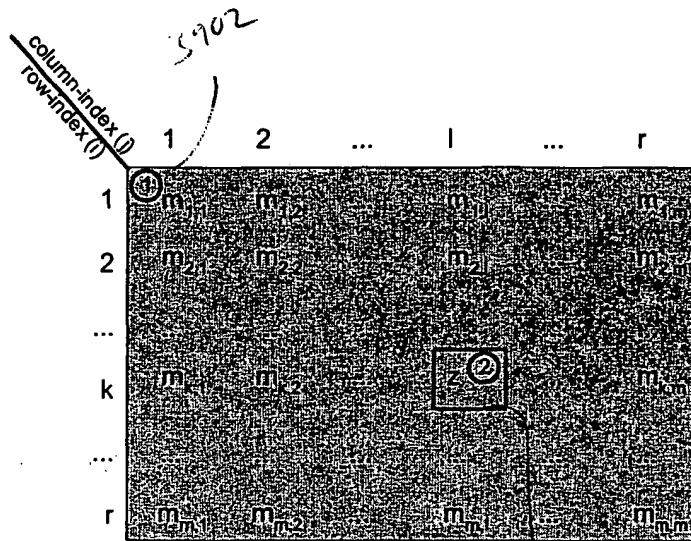
TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS3900

FIG. 39

Applicant(s): Karsten Schulz, et al.

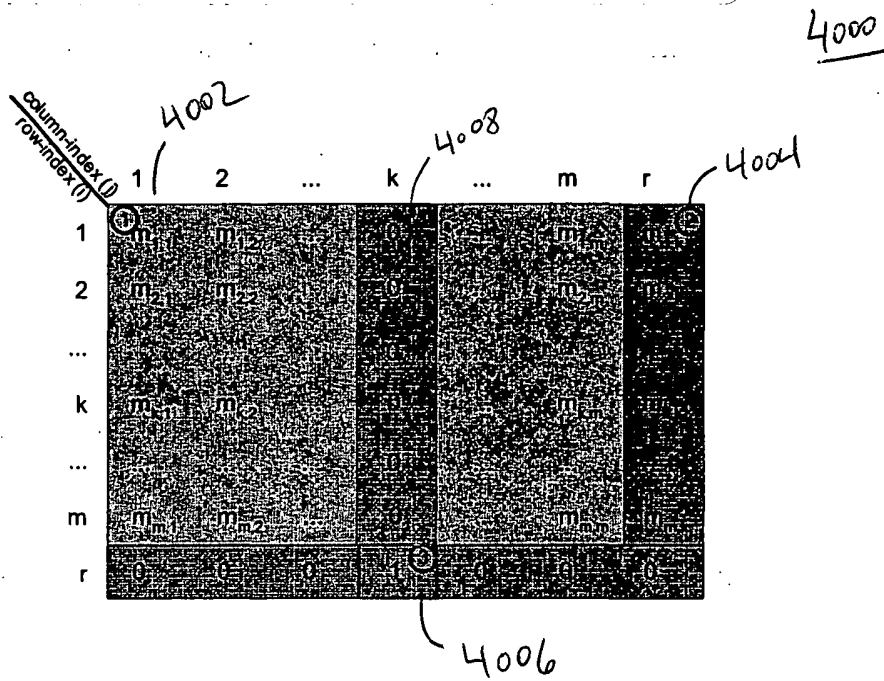
TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS

FIG. 40

Applicant(s): Karsten Schulz, et al.

TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS

4100

4102

column-index (j) row-index (i)	1	2	...	k	...	m	r
1	m_{11}	m_{12}		m_{1k}		m_{1m}	m_{1r}
2	m_{21}	m_{22}		m_{2k}		m_{2m}	m_{2r}
...							
k	m_{k1}	m_{k2}		m_{kk}		m_{km}	m_{kr}
...							
m	m_{m1}	m_{m2}		m_{mk}		m_{mm}	m_{mr}
r	m_{r1}	m_{r2}		m_{rk}		m_{rm}	m_{rr}

4106

4104

FIG. 41

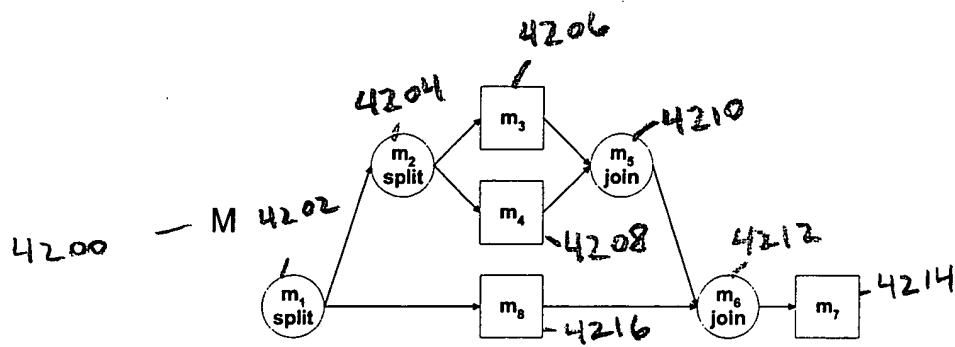


FIG. 42

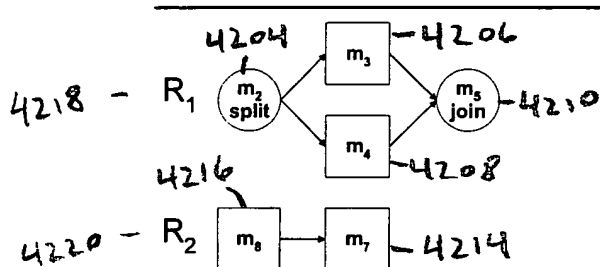


FIG. 42A

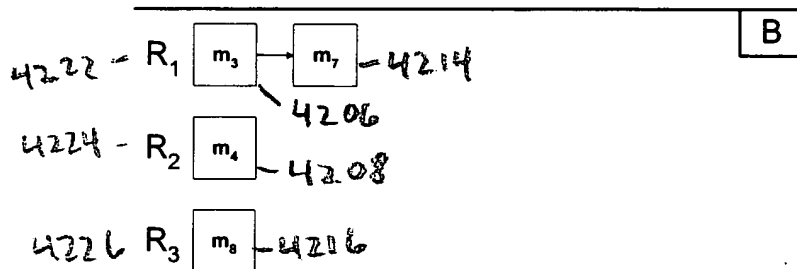


FIG. 42B

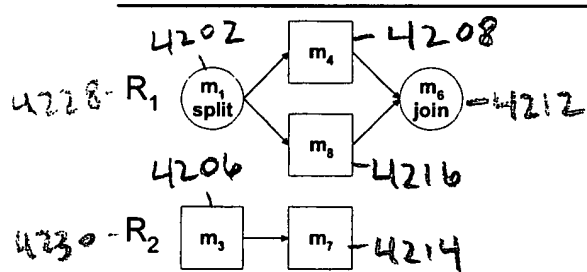


FIG. 42C

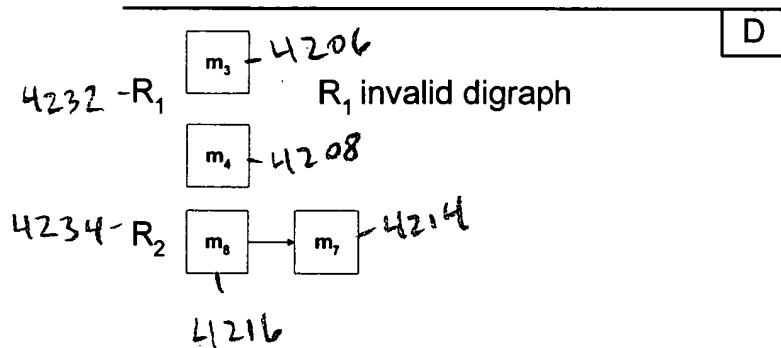


FIG. 42D

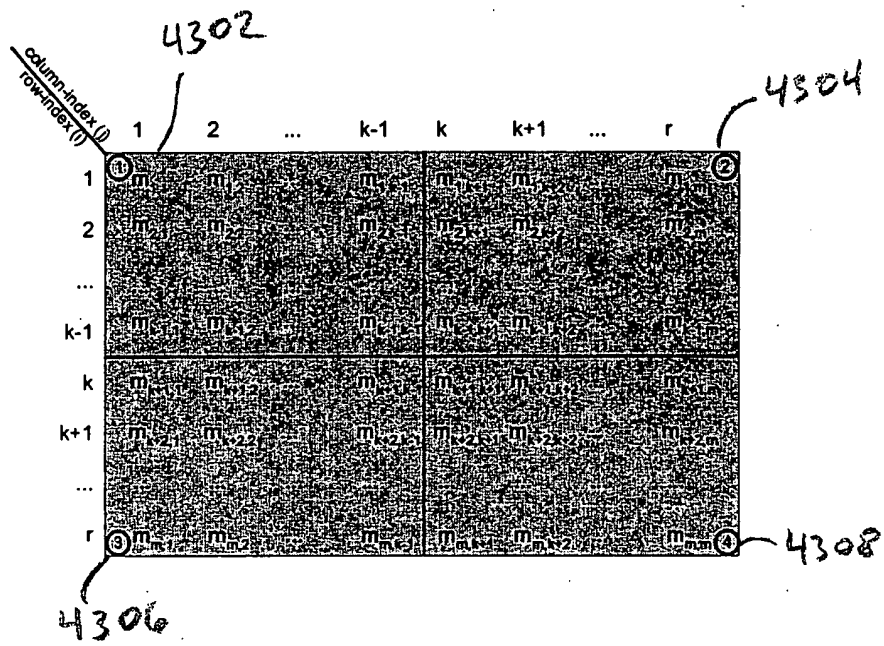
4300

FIG. 43

Applicant(s): Karsten Schulz, et al.

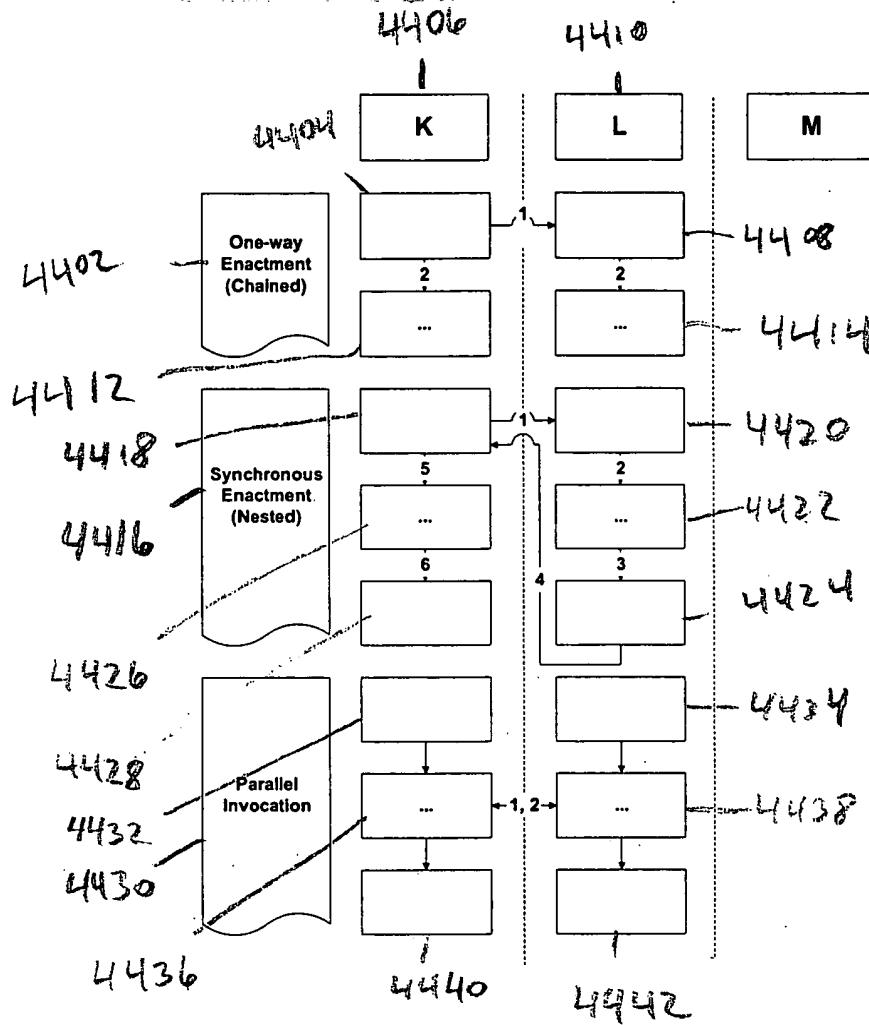
TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS

FIG. 44

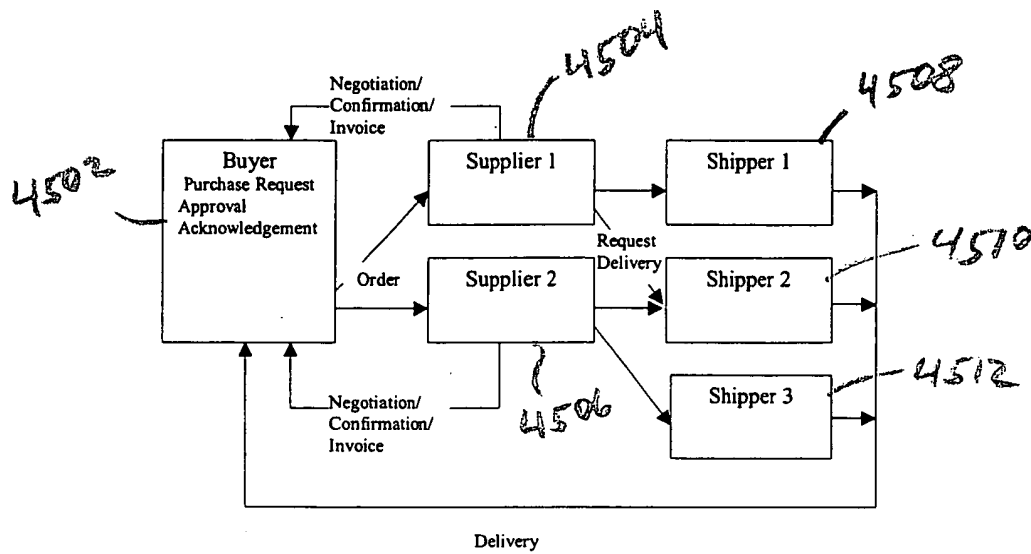


FIG. 45

Applicant(s): Karsten Schulz, et al.

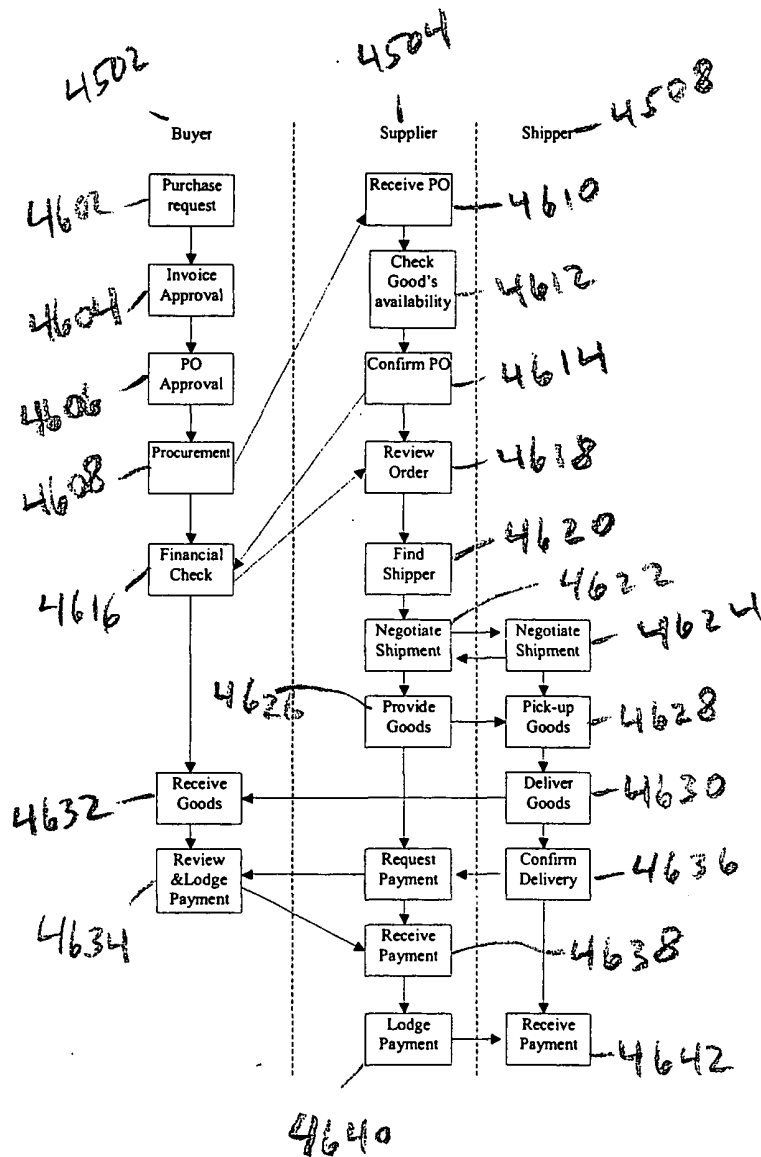
TRANSFORMATIONS BETWEEN COMBINED AND
INDIVIDUAL WORKFLOWS

FIG. 46

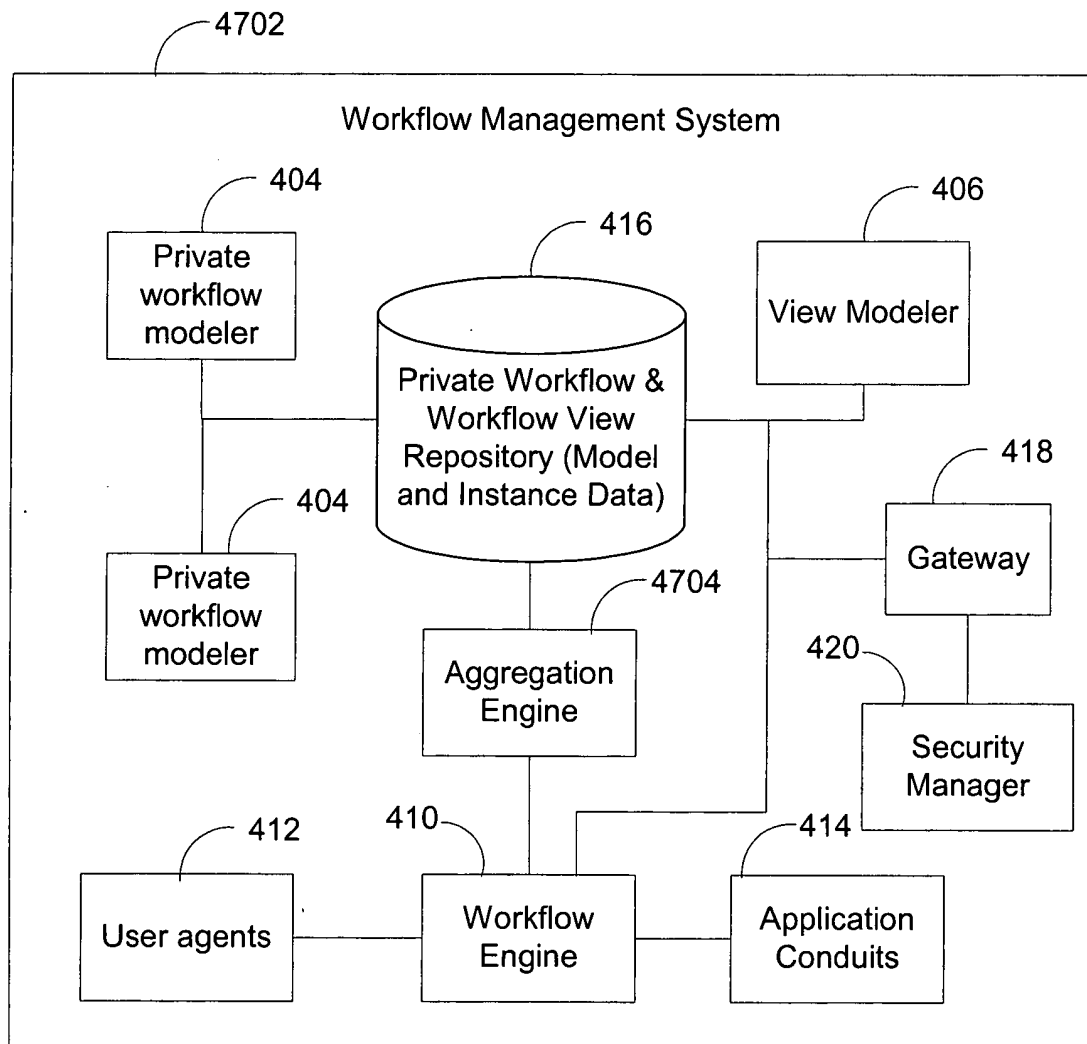


FIG. 47

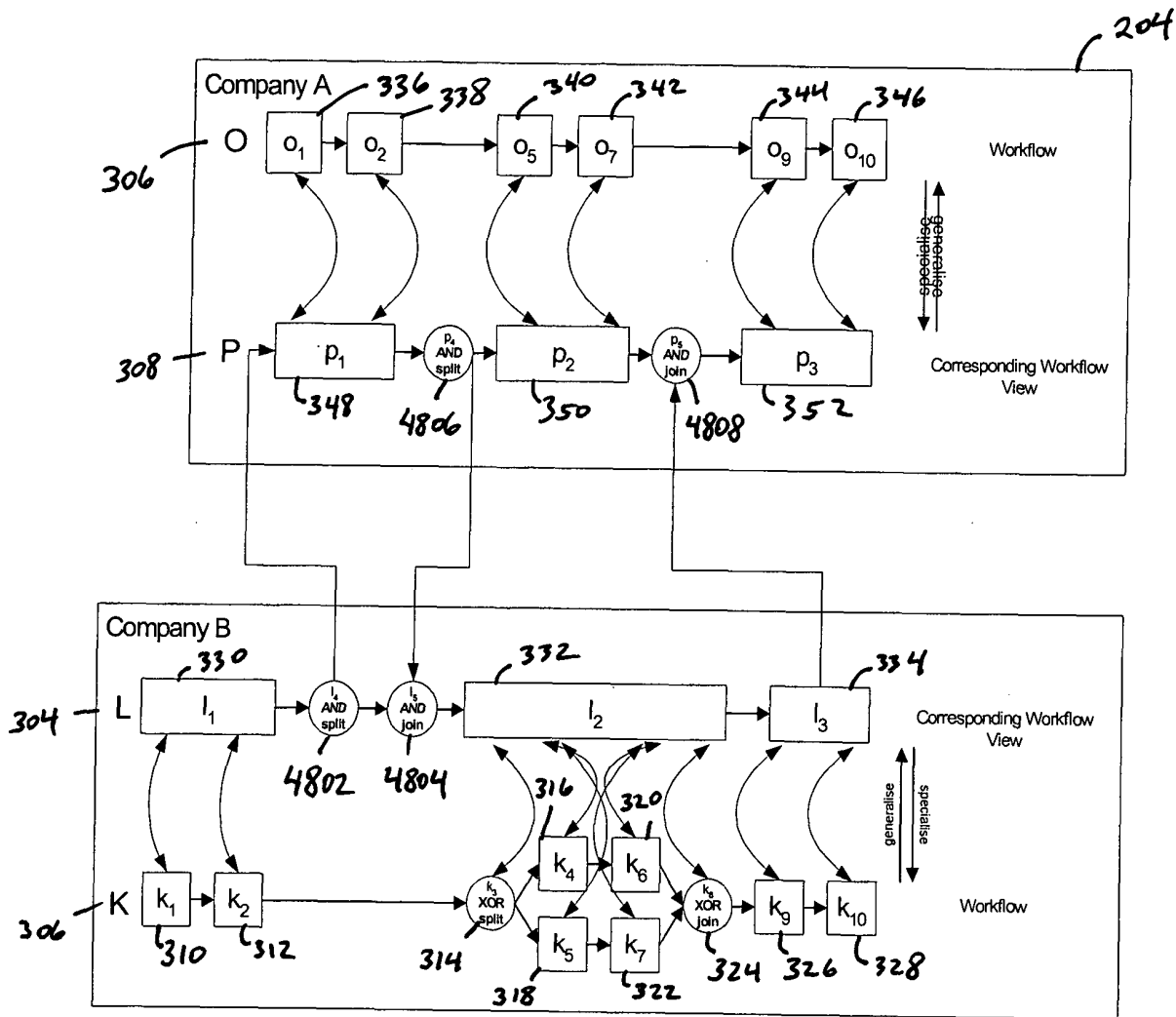


FIG. 48

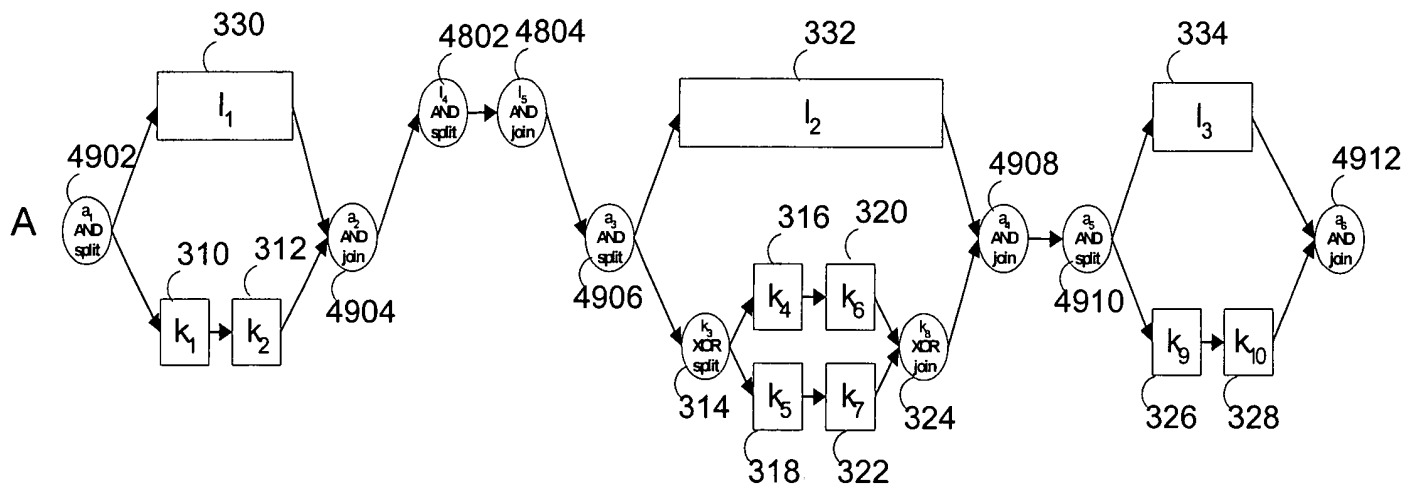
4900

FIG. 49

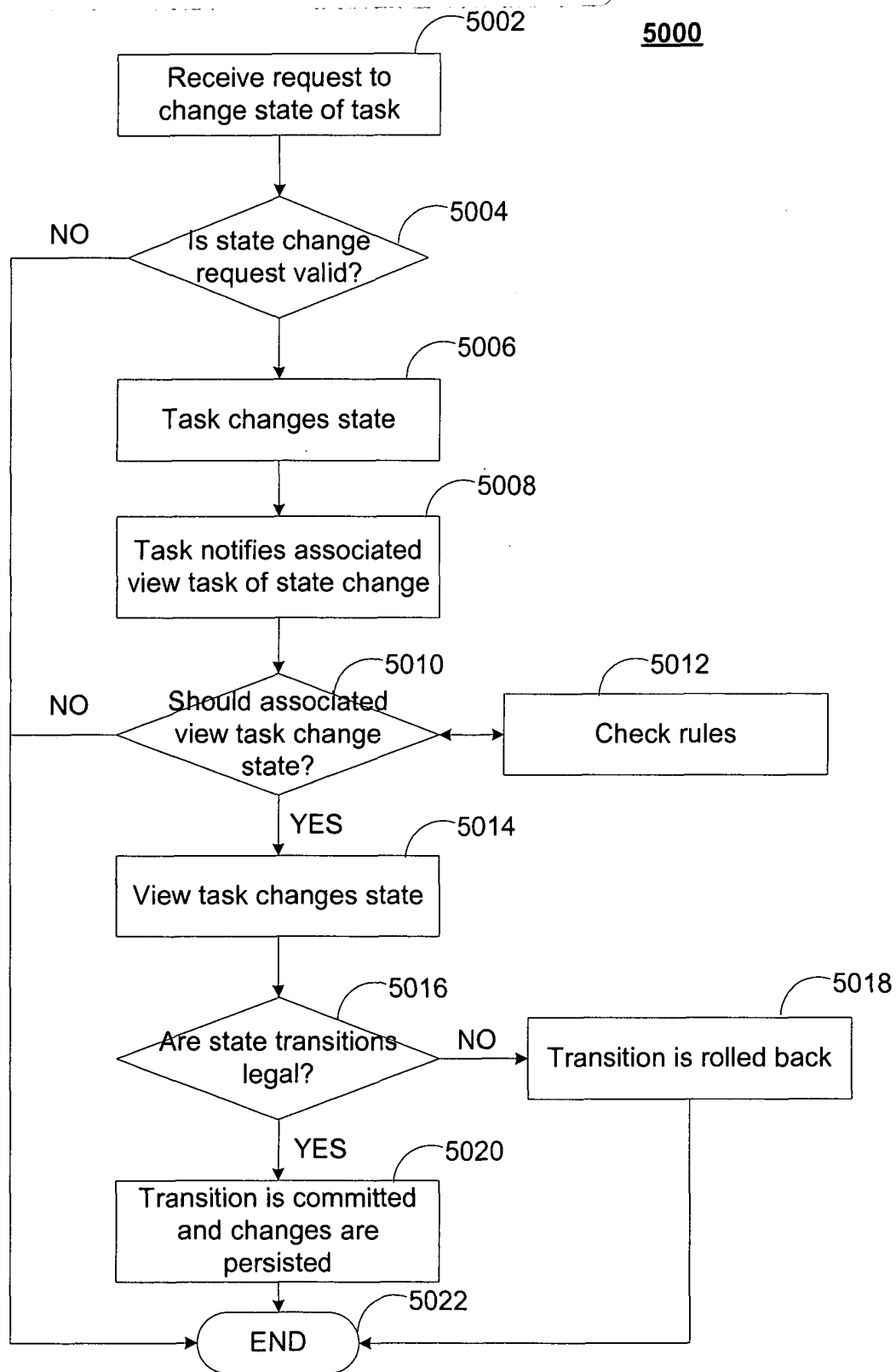
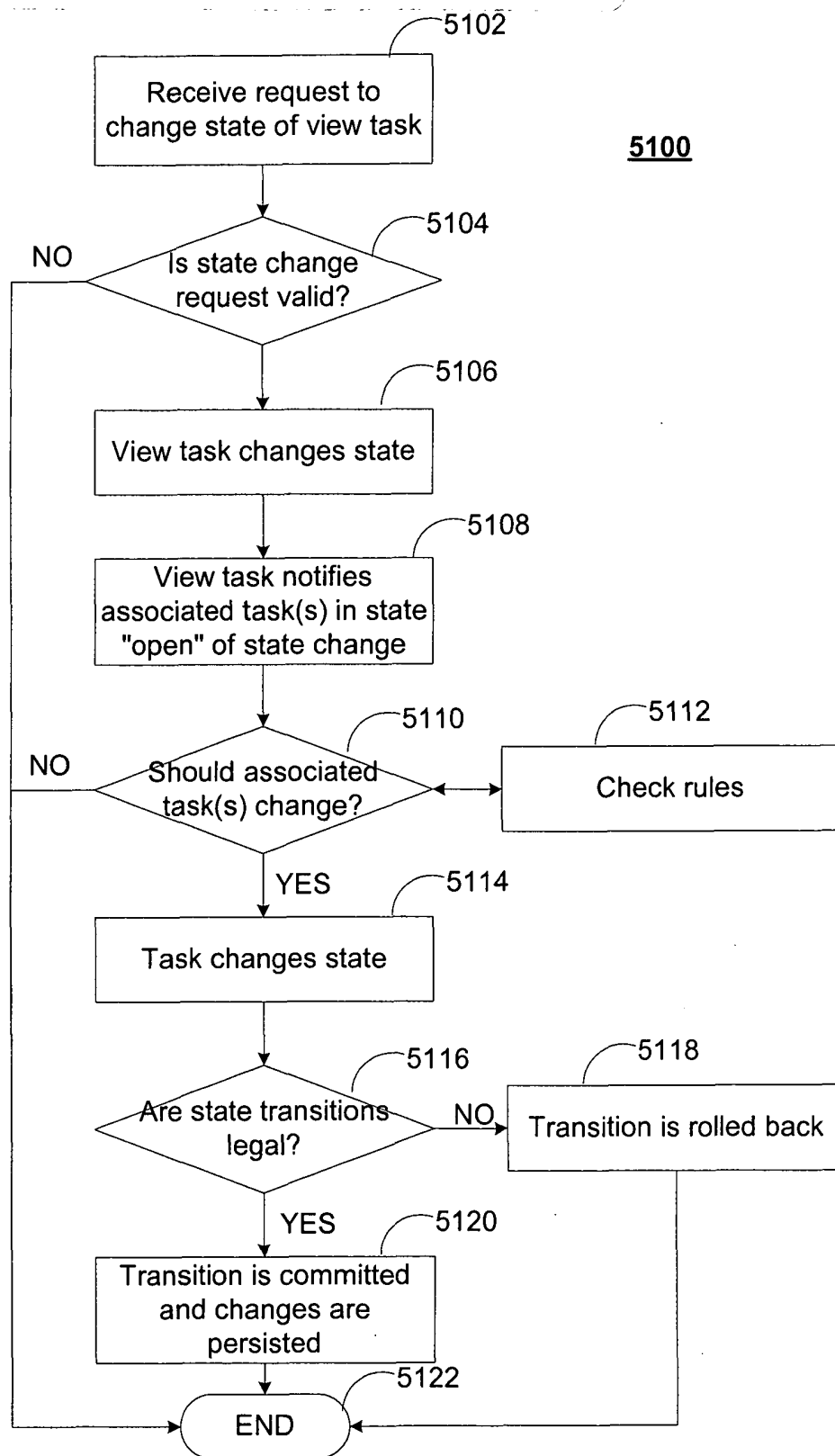
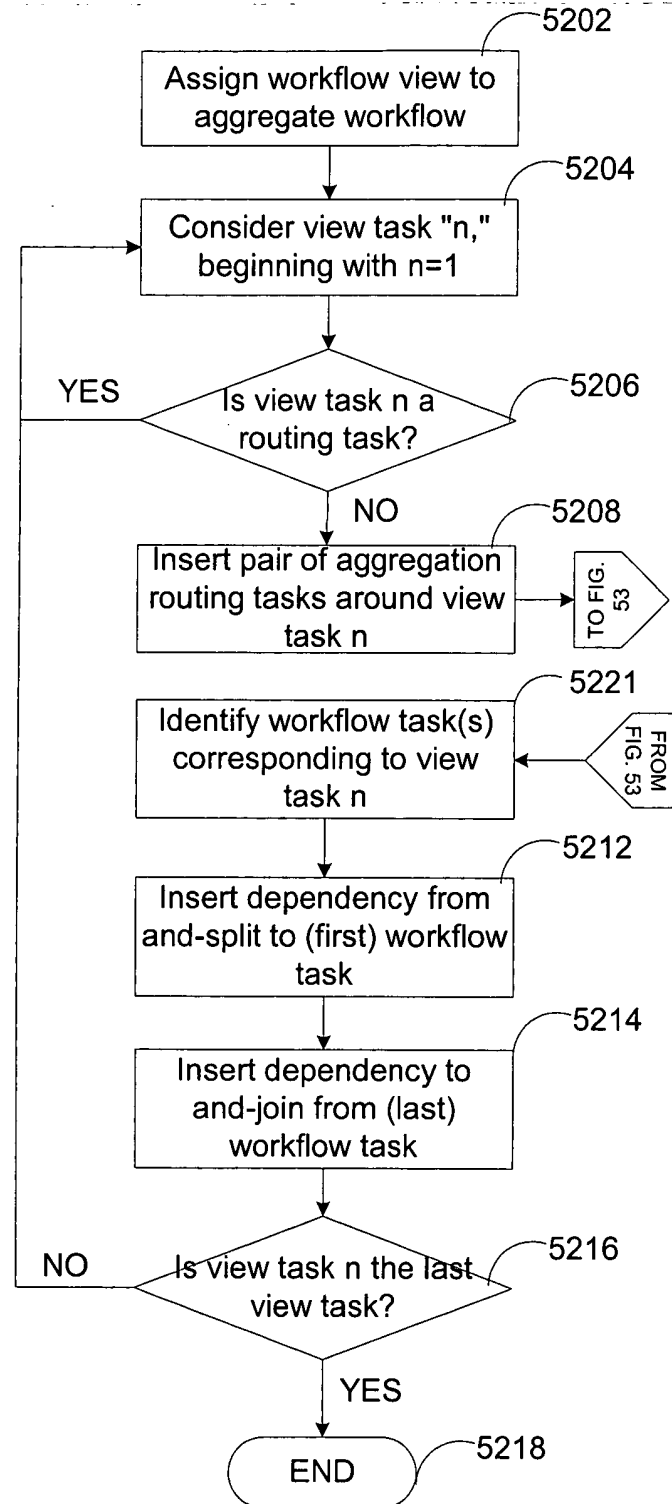
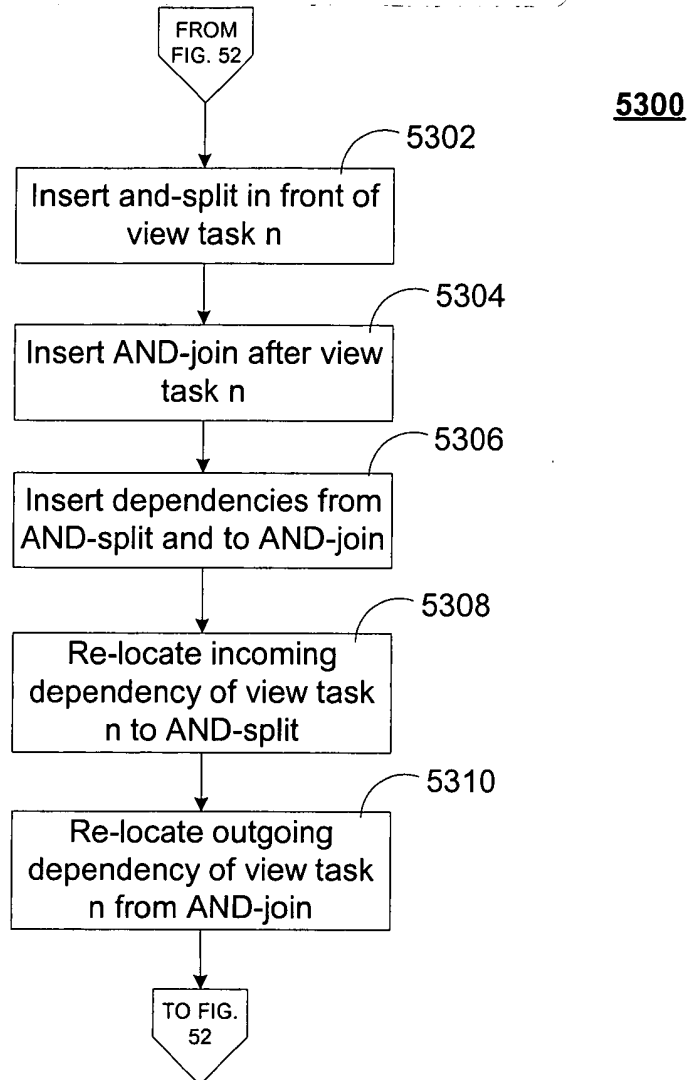


FIG. 50

**FIG. 51**

5200**FIG. 52**

**FIG. 53**